Cumulative Assessments on UNIT 1

Cumulative Assessment 1 Till lessons (2 & 3) unit 1

1. Choose the correct answer.

a. The digit _____ is in the Ten millions place in the number 346,870,251

A. 8 B. 0 C. 5 D. 4

b. The value of the digit 3 in the number 23,694,501 is _____

A. 3,000 B. 30,000 C. 300,000 D. 3,000,000

c. The value of the digit 4 in the number 42,780 is 10 times.
the value of the digit 4 in which number ?

A. 146,703 B. 426,135 C. 34,651 D. 10,400

d. 10,000 + 7,000 + 400 + 60 + 3 < _____

A. 16,643 B. 71,346 C. 17,364 D. 15,999

2. Complete.

a. The value of the digit 0 in the number 7,056,219 is _____

b. The number of hundreds in one million = _____

c. The place value of the digit 0 in the number 706,421,573 is _____

d. 58,000 Thousands = _____ Millions.

3. Match.

a.	4 milliards , 683 millions 17 thousands, 918	1.	38,600 ten thousands
b.	The digit 5 is in the hundred millions place in the number	2.	90,050,000
c.	90,050 thousands	3.	4,683,017,918
d.	386 millions	4.	7,524,800,673

Cumulative Assessment 2 Till lessons (5 & 6) unit 1

1. Choose the correct answer.

a. 5,000,000 + 40,000 + 8,000 + 700 + 20 + 3 = _____

A. 5,408,723 **B.** 5,048,723 **C.** 5,084,723 **D.** 5,048,273

b. 4,800,000 = _____ Thousands

A. 48 **B.** 480 **C.** 4,800 **D.** 480,000

c. The number _____ has 9 digits.

A. 36,423,100 **B.** 8,614,000 **C.** 125,000,694 **D.** 167,282

d. _____ is the compose of [6 × 100,000] + [5 × 10,000] + [3 × 100] + [4 × 10]

A. 650,340 **B.** 605,340 **C.** 650,304 **D.** 650,034

2. Complete.

a. 34 millions , 905 thousands , 421 in standard form is _____

b. The value of 7 in the number 720,358,014 is _____

c. The expanded form of 5,614,003 is _____ + _____ + _____ + _____ + _____

d. 450 thousands = _____

3. Complete the following.

Composed : _____

Decomposed : _____ + _____ + _____ + [2 × 100,000] + [4 × 1,000] + + [7 × 10] + [5 × 1]

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O
6	1	8		0		3		

Cumulative Assessment 3 Till lesson 8 unit 1

1. Compare. Write (< , > or =).

a. 43,600,287 ◯ 43 Millions , 700 thousands and 286

b. 1,534,973 ◯ 900,000 + 90,000 + 4,000 + 300 + 6

c. Seven millions, two hundred forty six thousands ◯ 70,000,000

d. [5 × 10,000,000] + [7 × 1,000,000] + [4 × 100,000] + [2 × 1,000] + [6 × 100] ◯ 1 milliard

2. Choose the correct answer.

a. 2,800 thousands >

A. 2,800 hundreds B. 28,000 hundreds

C. 28 millions D. 2 milliards

b. The place value of 6 in 6,482,759,310 is _____

A. Millions B. Ten Millions C. Hundred Thousands D. Milliards

c. The number 42,365,978 has ..... digits.

A. 10 B. 9 C. 8 D. 7

d. The missing digit such that 8,000 + 100 + 80 + 5 > 8, 85 is

A. 0 B. 1 C. 2 D. 3

3. Write a number that is less in the ten thousands place than 53,782. _____

4. Create a number that is smaller in the Ten Million place than 745,864,251 _____

5. Create a number that is greater in the thousands place than six Milliard , Six million , eight thousand , eight hundred.

Cumulative Assessment 4 Till lesson 9 unit 1

1. Choose the correct answer.

a. Which choice shows the numbers in an ascending order?

A.
1. 700 + 50 + 7
2. Seven hundred seventy-five
3. 765
4. Eight hundred five

B.
1. 780
2. Eight hundred forty
3. 800 + 50 + 1
4. One thousand

C.
1. 572
2. 500 + 80 + 1
3. Five hundred seventy-two
4. 600 + 70 + 4

D.
1. Six hundred five
2. 600 + 50
3. 674
4. Six hundred nine

b. Which digit makes the number sentence true? 3 million, 521 thousand, 432 < 3, 21,432

A. 3 **B.** 4 **C.** 5 **D.** 6

c. Which number sentence is true?

A. 74,562 < 9,000 + 800 + 50 + 6 **B.** 300,000 + 40 < 700,000 + 20

C. million < 792,561 **D.** Four hundred eighty two > 7 thousand,914

d. In the number 11,111, how many times is the digit in the Thousands place as the digit in the Tens place?

A. 10 **B.** 100 **C.** 1,000 **D.** 10,000

2. Write each of the following numbers in standard form and arrange in an ascending order.

- [5 × 1,000,000,000] + [2 × 10,000,000] + [5 × 1,000] + [1 × 10] + [8 × 1]
- Five Milliard, three million, fifty three
- 5,000,000,000 + 4,000,000 + 6,000 + 9
- 525 million, 508

Standard form	Ascendingly

3. Complete.

a. 5,007 thousands = _____

b. Six milliard, four hundred two million, twenty-eight in standard form is _____

c. The value of the digit 4 in the number 3,456,261,852 is _____

d. _____ is 100 times as many as fifty thousand.

Cumulative Assessment 5 Till lesson 11 unit 1

1. Draw the number line, record the midpoint, then round each of the following numbers.

a. 574,698 (to the nearest Ten Thousand)

b. 12,983 (to the nearest Hundred)

2. Use place value strategy to round each of the following.

a. 4,865 ≈ _____ (to the nearest 100)

b. 7,985,462 ≈ _____ (to the nearest Hundred Thousand)

c. 99,999,862 ≈ _____ (to the nearest Million)

d. 54,321,782 ≈ _____ (to the nearest Ten Thousand)

3. Choose the correct answer.

a. 78,562 9,000 + 800 + 50 + 4

A. > B. < C. =

b. 100,000 is _____ times 1,000

A. 10 B. 100 C. 1,000 D. 10,000

c. Which number round to 700,000 when rounded to the nearest Hundred Thousand ?

A. 706,999 B. 752,384 C. 799,999 D. 789,653

d. 870 Hundreds = _____ Tens.

A. 87 B. 8,700 C. 87,000 D. 870,000

4. Write 5 different numbers if rounded to the nearest hundred the result is 784,500

5. Complete.

Composed : 7,453,361,214

Decomposed : _____

Unit One Assessment

1. Choose the correct answer.

1. The digit in ten thousands place in the number 6,387,512 is _____ [El-Menia 23]

A. 3 B. 4 C. 7 D. 8

2. Milliard is the smallest _____ - digit number. [Cairo 23]

A. 5 B. 10 C. 9 D. 8

3. The place value of the digit 6 in 56,724,033 is _____ [El-Beheira-Math Inspection 23]

A. Thousands. B. Hundred Thousand.

C. Millions. D. Ten Million.

4. The value of the digit 3 in 53,496,752 is _____ [Aswan 23]

A. 30 B. 30,000 C. 3,000,000 D. 300,000

5. Rounding the number 34,089 to the nearest Ten Thousand is _____

[Cairo-Heliopolis 23]

A. 34,000 B. 34,090 C. 30,000 D. 35,000

6. Which is the compose to [8 × 100,000] + [4 × 1,000] + [7 × 100] + [1 × 10] ?

A. 804,710 B. 840,710 C. 804,170 D. 840,701

7. 3,752,000 _____ three milliard, twenty.

A. > B. < C. =

2. Complete the following.

1. One million is the smallest number formed from _____ digits. [Aswan 23]

2. The greatest number formed from the digits 2 , 0 , 5 , 3 is _____

[El-Monofia-Sers El-Layyan 23]

3. The value of the digit 4 in the number 3,452,631,901 is _____

4. 1,732,053,000 in word form is _____

_____

5. 80,000,000 + 124,000 + 650 = _____

6. 735,462 ≈ _____ [Rounded to the nearest Ten Thousand]

7. 3,504,800,501 in expanded form is _____

8. 5,856,469 ≈ 5,900,000 [Rounded to the nearest _____]

3. Choose the correct answer.

1. Which number rounded to 5,000,000 when rounded to the nearest Million ?
   A. 4,754,216 **B.** 4,261,562 **C.** 5,642,721 **D.** 5,810,000
2. The largest 5-digit number is _____
   A. 10,000 **B.** 100,000 **C.** 99,999 **D.** 98,765
3. 100,000 is _____ times the number 10,000
   A. 10 **B.** 100 **C.** 1,000 **D.** 10,000
4. What is the standard form for three milliard, seven hundred thirty-five thousand, fifty ?
   A. 3,735,000,050 **B.** 3,735,500 **C.** 3,000,735,050 **D.** 3,735,050
5. Rounding the number 765,017 to the nearest Hundred Thousand is _____ (Alex.-Al-Agamy 23)
   A. 770,000 **B.** 800,000 **C.** 700,000 **D.** 760,000
6. [5 × 1] + [8 × 100] + [4 × 1000] + [1 × 10,000] = _____
   A. 14,805 **B.** 10,485 **C.** 14,185 **D.** 1,485
7. The place value of the digit 0 in the number 2,078,921 is _____
   A. Hundred thousands **B.** 0
   C. Hundreds **D.** Thousands

4. Answer the following.

1. A plane's altitude increased by 2,721 meters.
   Round this number to the nearest Hundred.
2. Use the digits 7,4,2,0,3,5,6,8 to make the greatest number you can.
   Then use the same digits to make the smallest number you can and round each number to the nearest Million.
3. **Arrange in an ascending order, using the forms in which the numbers are written.**
   - [7 × 1,000,000] + [5 × 100,000] + [4 × 1,000] + [2 × 100] + [3 × 10]
   - Seven million, five hundred forty thousand, two hundred three.
   - 7,000,000 + 500,000 + 40,000 + 2,000 + 3
   - 75,423
   - Seven million, fifty thousand, thirty.
4. **Compose and decompose the following number.**

MILLIARDS	MILLIONS			THOUSANDS			ONES		
O	H	T	O	H	T	O	H	T	O
2	8	0	5	4	0	0	6	9	3

Composed : _____

Decomposed : _____

Cumulative Assessments on UNIT 2

Cumulative Assessment 6 Till lesson 1 unit 2

1. Choose the correct answer.

a. Fady worte 994 + 0 = 994 using the ____ ____ property.

A. additive identity B. commutative C. associative

b. 70,000,000 + 8,000 + 50 + 1 ____ Seven million, twenty.

A. > B. < C. =

c. Which number round to 3,500,000 when rounded to the nearest Hundred Thousand ?

A. 3,562,531 B. 3,426,217 C. 3,524,261 D. 3,584,212

d. The value of the digit 6 in the number 63,785 is 100 times the value of the digit 6 in which number ?

A. 46,521 B. 94,682 C. 241,261 D. 432,216

2. Put (✓) to the correct statement and (✗) to the incorrect statement.

a. 35 – 14 = 14 – 35 ( )

b. The place value of the digit 4 in the number 5,862,431,811 is Hundred Thousand ( )

c. The compose of the number [7 × 10,000] + [2 × 1,000] + [4 × 100] is 72,400 ( )

d. The smallest 6- different digit number is 10,234 ( )

3. Solve each problem and name the property used.

a. 17 + 8 + 3 _____

b. 35 + 14 + 15 + 36 _____

4. Round 773,329

a. to the nearest ten _____

b. to the nearest ten thousand _____

Cumulative Assessment 7 — Till lesson 3 unit 2

1. Choose the correct answer.

a. 35,216 + 1,999 = _____

A. 37,215 B. 45,206 C. 37,216 D. 36,216

b. Which of these statements used only commutative property of addition to find 17 + 48 + 13 ?

A. [17 + 48] + 13 B. 17 + 13 + 48 C. 17 + [13 + 48] D. [17 + 13] + 48

c. 58,000 = _____ tens.

A. 58,000 B. 5,800 C. 580 D. 58

d. 762 + 3,156 = _____ + 762

A. 762 B. 3,918 C. 3,156 D. 1,524

2. Estimate using rounding to the nearest 100. Find the exact answer.

a. 35,462 + 23,221 = _____

b. 2,942 + 350 = _____

c. 94,641 + 2,961 = _____

3. Use the properties of addition to find the sum of 142 + 55 + 18 + 45

4. In a week 3,573 tourists visited Giza pyramids and in the next week 4,230 tourists visited them.
Find the number of tourists in the two weeks ? [Round to the nearest Hundred]

5. Arrange in a descending order, using the forms which the numbers are written.

- [3 × 1,000,000,000] + [5 × 10,000,000] + [4 × 10]
- Three milliard, five hundred million, fourteen
- 3,000,786,562
- 3,000,000,000 + 20,000,000 + 400

The order is : _____

Cumulative Assessment 8 Till lessons (4 & 5) unit 2

1. **a.** Solve 852 – 465 using counting down.

Using number line with decomposing strategy.

b. Solve 5,425 – 1,373 using counting on.

Using number line with decomposing strategy.

c. Solve the following problems , then round to the nearest Ten to check the reasonableness of your answer.

1. 7,356 − 2,547 = ____

2. 3,785 + 2,816 = ____

2. **Write (< , > or =).**

a. 7,856,432	◯	7,000,000 + 80,000 + 6,000 + 900 + 80 + 9
b. 842 + 237	◯	3,225 – 2,784
c. 7,423 + 8,612	◯	22,520 – 7,250
d. 370 Hundreds	◯	3,700 Tens

3. A factory produced 2,879 toys in one week. The next week , the factory produced 3,267 toys. Find the difference between the production in the two weeks.

4. **Subtract.**

a. 432 – 395 = ____

b. 276 – 194 = ____

Cumulative Assessment 9 — Till lesson 6 unit 2

1. Solving equations with variable. Create a bar model.

a. $s - 74{,}252 = 23{,}402$

Bar model:

Solution: _____

b. $b + 4{,}261 = 21{,}253$

Bar model:

Solution: _____

c. $47{,}261 - m = 31{,}422$

Bar model:

Solution: _____

d. $45{,}261 + k = 52{,}428$

Bar model:

Solution: _____

2. Choose the correct answer.

a. The value of the digit 3 in the number 7,516,234,981 is

A. 3,000,000,000 B. 300,000 C. 30,000 D. 3000

b. $[241 + 1{,}614] + 7{,}426 = [$ _____ $+ 7{,}426]$

A. 241 B. 1,855 C. 7,426 D. 1,000

c. $[8 \times 1{,}000{,}000] + [7 \times 10{,}000] + [5 \times 100] + [6 \times 10]$ in standard form is

A. 87,560 B. 8,070,560 C. 8,700,560 D. 870,560

d. If $x - 8 = 13$, then $x =$

A. 5 B. 4 C. 21 D. 22

3. Colony A has 32,425 male ants, if the colony has 74,319 ants, how many ants are female?

Bar model:

Solution:

4. Use the properties of addition to find the sum.

a. $75 + 87 + 25$

b. $712 + 59 + 28 + 111$

Cumulative Assessment 10 — Till lesson 7 unit 2

1. Complete the following.

a. If b − 34,252 = 12,604 , then b = _____

b. The value of the digit 4 in the number 4,851,061,052 is _____

c. 2,785,629,142 in expanded form is _____

d. 15 + 5 + 7 = (15 + 5) + _____ (_____ property) = _____ + _____ = _____

e. 47,562 − 2,853 = _____

f. In the bar model

100	
35	x

, x = _____

2. Port Said has a population of 782,180 , if South Sinai has a population of 111,835 and North Sinai has a population of 450,528 , how many more people do Port Said than South Sinai and North Sinai have combined ?

3. A library sold 5,325 books in the first month, 9,712 books in the second month. If the library had 20,000 books. How many books are left ?

4. Estimate using rounding to the nearest 100. Find the exact answer.

a.
$$\begin{array}{r} 5,646 \\ -\ 2,389 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 72,861 \\ -\ 5,466 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 2,462 \\ +\ 1,391 \\ +\ 946 \\ \hline \end{array}$$

5. Write (< , > or =).

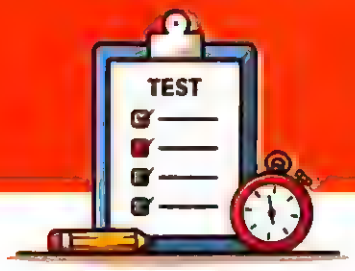
a. 9,000,000 + 70,000 + 50 ( ) nine million, seven thousand, fifty-nine.

b. 40,000 − 1,523 ( ) 37,456 + 2,652

c. 2,394 + 5,291 ( ) 12,006 − 4,321

d. The value of the digit 8 in the number 381,452,671 ( ) The value of the digit 8 in the number 1,815,462

Unit Two Assessment



1. Choose the correct answer :

1. $13 + 7 = 7 + 13$, represents ——— property. [El-Monofia - Sadat City 23]

   A. commutative B. associative C. additive identity

2. In the opposite Bar Model , the value of w = [Aswan - Noba 23]

   A. 2,957 B. 9,449

   C. 3,043 D. 3,000

w	
6,203	3,246

3. $613 - 247$ = ——— [Cairo - Math's Inspection 23]

   A. 567 B. 343 C. 366 D. 807

4. The additive identity in the natural numbers is [Giza 23]

   A. 0 B. 1 C. 10 D. 2

5. $112 + 369 = 369 +$ ———

   A. zero B. 369 C. 112 D. 481

6. Rana had 251,750 pounds, she bought a mobile for 5,555 pounds and a car for 125,780 pounds , then the left money with Rana is ——— pounds.

   A. 131,335 B. 120,415 C. 125,970 D. 246,195

7. $3,508 + 3,692$ = ———

   A. 61,190 B. 184 C. 7,190 D. 7,200

2. Complete the following :

1. $91,024 + 32,549$ = ——— [Cairo - Heliopolis 23]
2. The additive identity is ——— [El-Beheira - Hosh Essa 23]
3. Two ants colonies have 33,585 ants. If colony A has 17,990 ants , then the number of ants in colony B = ——— ants.
4. $15 + 5 + 7 = (15 +$ ——— $) + 7 = 15 + (5 +$ ——— $)$
5. In the bar model

87	
27	c

, the equation which you can form for it is ——— and the value of c equals ———

6. If $n - 34 = 29$, then n = ———
7. $7,000 - 350$ = ———
8. A local bakery sold 7,120 zalabya in one day. If they sold 1,269 zalabya in the morning and 2,658 zalabya in the afternoon , then the number of zalabya sold during the rest of the day is ——— zalabya.

3. Choose the correct answer.

1. In the bar model

256	
m	180

, the value of m is ——

A. 124 B. 156 C. 76 D. 436

2. [112 + 38] + 77 = 112 + [——— + 77]

A. 38 B. 77 C. 115 D. 150

3. 1,325 – 820 = ——

A. 305 B. 405 C. 505 D. 1,505

4. 0 + 5,298 = 5,298 is using ——

A. associative property B. commutative property

C. additive identity property D. subtraction mental strategy

5. If 3,645 + y = 5,789 , then the value of y is

A. 2,144 B. 3,144 C. 8,434 D. 9,434

6. Joudy found that 38,828 + 52,309 = 91,137. Which estimate could she use to check if her answer is reasonable ?

A. 30,000 + 50,000 = 80,000 B. 30,000 + 60,000 = 90,000

C. 40,000 + 50,000 = 90,000 D. 40,000 + 60,000 = 100,000

7. If x – 180 = 256 , then x = ——— [El-Monofia - Quesna 23]

A. 76 B. 436 C. 176 D. 406

4. Answer the following.

1. A bridge of ants consists of 692 ants and another bridge consists of 165 ants , how many ants are there in two bridges ? [Cairo - Math's Inspection 23]
2. Nader made 18 pieces of falafel. He ate 6 pieces and his brother ate 5 pieces. Represent these data using bar model to show how many pieces are left ?
3. Find 734 – 245
4. The Cairo tower had 66,000 visitors in January , 38,536 visitors in February and 46,985 visitors in March. The expect to have 200,000 visitors by the end of April. How many visitors need to show up in April to reach this count ?

Cumulative Assessments on UNIT 3

Cumulative Assessment 11 — Till lesson 1 unit 3

1. Convert the lengths into the units on the bar models.

a.

783 cm	
___ m	___ cm

b.

7,486 m	
___ km	___ m

c.

___ m	
25 km	423 m

2. Complete.

a. 7 m = _____ mm.

b. _____ cm = 78,000 m

c. 7 km , 50 m = _____ m

d. 8,762 m = _____ km , _____ m

e. 13,000 mm = _____ m

f. 11 dm = _____ cm

3. Choose the correct answer.

a. 13 thousands = _____ hundreds

A. 13,000 B. 1,300 C. 130 D. 13

b. 70,000,000 + 5,000 + 700 + 40 + 3 in standard form is _____

A. 7,050,743 B. 70,005,743 C. 70,050,743 D. 7,005,743

c. If $x + 7 = 20$, then $x =$ _____

A. 13 B. 27 C. 30 D. 34

d. 7 dm , 5 cm = _____ cm

A. 12 B. 705 C. 75 D. 750

e. 9 km , 9 m = _____ m

A. 99 B. 909 C. 9,009 D. 90,009

4. Find the result.

a. 3,562 + 867 = _____

b. 86,782 − 19,329 = _____

c. 10,000 − 7,426 = _____

Cumulative Assessment 12 Till lesson 2 unit 3

1. Convert the masses into the units on the bar models.

a.

8,782 g	
___ kg	___ g

b.

29,419 g	
___ kg	g

c.

g	
52 kg	34 g

2. Complete.

a. 76 cm = dm , _____ cm

b. 8,875 g = kg , _____ g

c. The smallest 7-digit number formed from 7 , 0 , 3 , 9 , 8 , 2 , 4 is _____

d. 37,852 ≈ _____ (Round to the nearest thousand)

e. 7 cm , 4 mm = mm

f. 2 km = _____ mm

3. A car covers 2 km in one minute , what is the distance the car covers for 8 minutes in kilometers and in meters ?

4. List 21,000 g , 17 kg , 23,000 g , 25 kg from least to greatest

5. Write (< , > or =).

a. 37,865 ◯ three hundred thousand, eight hundred forty-five

b. 5 km , 30 m ◯ 5,030 m

c. 700 g ◯ 17 kg

d. 19 dm ◯ 89 cm

Cumulative Assessment 13 Till lesson 3 unit 3

1. Find each missing number.

a. 3,450 mL = _____ L , _____ mL

b. 7,482 cm = _____ m , _____ cm

c. _____ mL = 7 L , 15 mL

d. 25,000 mL = _____ L

e. 3,729 g = _____ kg , _____ g

2. Choose the correct answer.

a. In which number does the 5 have a value of fifty thousand ?

A. 3,765,432 B. 7,452,173 C. 8,521,641 D. 5,421,698

b. Which of the following is the least capacity ?

A. 7,000 mL B. 15 L C. 2,500 mL D. 4,200 mL

c. The place value of the digit 6 in the number 3,562,147,209

A. ten million B. Million C. 60,000,000 D. 6,000,000

d. 7,800 g ☐ 24 kg

A. > B. < C. =

e. The compose to (4 × 100,000) + (2 × 10,000) + (7 × 100) + (2 × 1) is

A. 4,272 B. 420,720 C. 420,702 D. 42,702

3. A car was filled with 25 liters , 400 millileters. At the end of the day there were 10 liters 230 milliliters left in the tank. How much petrol was used ?

4. Use properties of addition to find the result and name the property you used.

18 + 35 + 82 + 15

5. Write four numbers that could be rounded to 340,000 when rounded to the nearest ten thousand.

Cumulative Assessment 14 Till lessons (5 & 6) unit 3

1. Write the time in two ways.

a.  ___ : ___ It's _____

b.  ___ : ___ It's _____

c.  ___ : ___ It's _____

d.  ___ : ___ It's _____

2. Complete.

a. 3 L – 2,456 mL = _____ mL

b. 11 kg , 400 g + 3 kg , 250 g = _____ kg , _____ g

c. 3 minutes , 20 seconds = _____ seconds

d. 3 weeks , 4 days = _____ days

e. 723 cm = _____ m + _____ cm

f. 350 tens = _____ hundreds

g. 98 cm = _____ dm , _____ cm

3. Use the properties of addition to find the answer.

32 + 15 + 8 _____

4. Estimate using rounding to the nearest 1,000. Find the exact answer.

a. 37,562 + 3,781 = _____

b. 75,861 + 12,682 = _____

c. 35,714 + 7,642 = _____

d. 25,372 + 14,741 = _____

5. A television cartoon movie begins at 7 : 15 P.M. and ends at 8 : 10 P.M. Find the elapsed time.

_____

Cumulative Assessment 15 Till lesson 7 unit 3

1. Complete the bar models.

a.

73,785 m	
km	m

b.

mL	
32 L	56 mL

c.

7,456	
	3,721

d.

7,421 g	
kg	g

e.

782	451

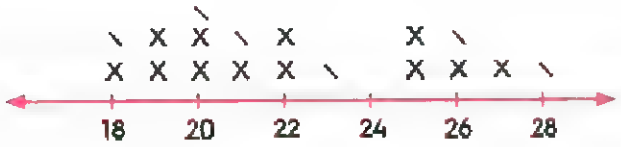
f.

920 cm	
m	cm

2. Use the line plot to answer the questions.

Players' ages of football team

Key x = 2 players



Ages

a. What does this line plot show ?

b. What is the scale for this line plot ?

c. What does each x represent ?

d. How many players in the team are 20 years ?

e. How many players are represented in all ?

3. Complete.

a. The place value of the digit 8 in the number 3,856,421,912 is _____

b. 700 cm = _____ dm

c. 5 L + 2,462 mL = _____ L , _____ mL

d. 3 weeks , 2 days = _____ days

e. 751 + 21 = 21 + _____ [_____ property]

f. The smallest 6-digit number is _____

g. 3,000 dm = _____ m

Cumulative Assessment 16 — Till lesson 8 unit 3

1. Choose the correct answer.

a. 7,000 mm = _____ m

A. 7 B. 70 C. 700 D. 7,000

b. 35,000 tens = _____ hundreds.

A. 35 B. 350 C. 3,500 D. 35,000

c. [7 × 10,000] + [4 × 1,000] + [5 × 100] + [3 × 10] ___ 7,453

A. > B. < C. =

d. In the opposite bar model , x = _____

78,526 g	
78 kg	x

A. 526 kg B. 526 g

C. 526 m D. 526 mL

e. 3 : 40 + 30 minutes = _____

A. 4 : 10 B. 4 : 50 C. 3 : 20 D. 7 : 40

2. Ahmed bought 5 m , 50 cm of cloth , he made a trausers by 2 m , 25 cm

What is the length of the left cloth with him ?

3. The mass of Mina is 43 kg , 450 g and the mass of Sara is 34 kg , 900 g

What is the total mass of Mina and Sara ?

4. Complete.

a. 16 dm = _____ cm

b. 4 L , 240 mL – 2 L , 420 mL = _____ mL

c. If x – 342 = 741 , then x = _____

d. 78,000 cm = _____ m

e. 5 days = _____ hours

5. Write the time in two ways.

a.

_____ : _____

It's _____

b.

_____ : _____

It's _____

Cumulative Assessment 17 — Till lesson 9 unit 3

1. Choose the correct answer.

a. 10 kilograms = _____ grams

A. 10 B. 100 C. 1,000 D. 10,000

b. 8 L , 35 mL = _____ mL.

A. 835 B. 8,350 C. 8,035 D. 83,500

c. The place value of the digit 8 in the numeral 8,406,261,092 is

A. Thousand B. Ten Million C. Hundred Million D. Milliard

d. 7 : 25 – 40 minutes = _____

A. 8 : 05 B. 6 : 45 C. 5 25 D. 6 : 25

e. _____ m = 9,700 cm

A. 97 B. 970 C. 9,700 D. 97,000

2. Youssef studies 30 minutes every day. How many hours will he study in 6 days ?

3. A tank with capacity of 70 liters is filled with 25,000 milliliters of water.

How many more liters of water are needed to fill it up completely ?

4. Solve the problem using counting down using number line with decomposing strategy

785 – 462

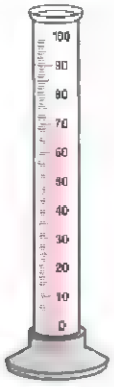
5. Complete.

a. 78,456 ≈ _____ (to the nearest ten)

b. 3 L , 270 mL + 5 L , 980 mL = _____ L , _____ mL

c. If the total mass of 10 balls having the same mass is 120,000 grams , then the mass of each ball is _____ kg.

d. There is _____ mL of liquid in the opposite graduated cylinder.



Unit Three Assessment

1. Choose the correct answer.

1. 5 kg = 5,000 _____

A. m B. day C. g D. L

2. 9 m – 80 cm = _____ cm

A. 1 B. 10 C. 100 D. 820

3. _____ L = 17,000 mL

A. 17 B. 170 C. 1,700 D. 170,000

4. 1 day and 6 hours = _____ hours [Cairo 23]

A. 7 B. 30 C. 66 D. 36

5. 5,050 mL = _____ L , 50 mL

A. 5 B. 50 C. 500 D. 5,000

6. The elapsed time from 3 : 50 A.M. to 7 : 00 A.M. is _____

A. 3 hr , 50 min B. 3 hr , 10 min

C. 4 hr , 10 min D. 4 hr , 50 min

7. 17 ton ☐ 7,000 kg

A. > B. = C. < D. otherwise

2. Complete each of the following.

1. 8 kg , 37 g = _____ g

2. 6 : 34 – 1 : 25 = _____

3. 6,000 kg = _____ ton

4. 8 : 25 + 35 minutes = _____

5. 897 mm = _____ cm , _____ mm

6. 31,310 g = _____ kg , _____ g

7. 8 meters , 45 cm = _____ cm [El-Monofia – Berket El-Sabaa 23]

8. 9,000 mL = _____ liters [Souhag 23]

3. Choose the correct answer.

1. 5 L , 13 mL = _____ mL [El-Monofia – Quesna 23]

   A. 513 B. 5,013 C. 50,013 D. 500,013

2. 6 minutes and 30 seconds = _____ seconds [Cairo – El-Marg 23]

   A. 630 B. 390 C. 330 D. 306

3. 5 kilometers and 45 meters = _____ meters [Cairo – El-Salam 23]

   A. 5,450 B. 545 C. 5,045 D. 4,055

4. 6 liters = _____ mL [Cairo 23]

   A. 6,000 B. 600 C. 60 D. 60,000

5. 5 m = _____ cm [El-Beheira – Hosh Essa 23]

   A. 5 B. 50 C. 500 D. 5,000

6. 1 week and 3 days = _____ days [Giza 23]

   A. 7 B. 8 C. 9 D. 10

7. 35 kg and 35 g = _____ g

   A. 3,535 B. 35,000 C. 35,035 D. 53,053

4. Answer the following.

1. A fizzy can of mass 300 g , Jana bought 6 cans.
   What is the total mass of cans in kilograms and grams ?
2. Sarah purchased 3 kg , 400 g of sugar and 5 kg , 217 g of rice. What is the total mass which Sarah carried ?
3. 10 books of height 8 cm , 5 mm each are stacked over one another. What is the total height so obtained ?

4. Find each missing number.

a.

____ mL	
9 L	450 mL

b.

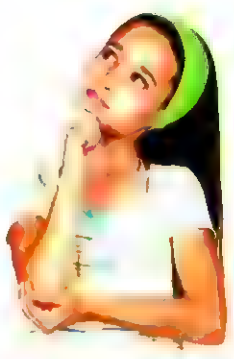
10,100 m	
____ km	____ m

c.

7,005 g	
____ kg	____ g

d.

7,500 kg	
____ ton	____ kg



Assessment 1 on Lessons 1&2

Unit 1

1 Choose the correct answer:

a The place value of the digit 0 in 30,745 is ..... .

(Hundreds or Thousands or Ten Thousands or Zero)

b 60,000 = ... times of 600.

(10 or 100 or 1,000 or 10,000)

c ..... is the **smallest** 7-digit number.

(Milliard or Million or Hundred million or Ten million)

d The place value of the digit 7 in 251,475,253

is ..... . (Thousands or Tens or Ten Thousands or Ten Millions)

2 Complete the following:

a 400 Hundreds + 500 Tens = ...

b The value of the digit 3 in 234,542,124 is .....

c 400 Thousands = ...

d 800,000 = ... Ten Thousands

3 Match:

a	Five hundred two thousand	•	• 520,000 1
b	Five hundred twenty thousand	•	• 2,500,000 2
c	Two hundred five thousand	•	• 502,000 3
d	Two million, five hundred thousand	•	• 205,000 4

Assessment 2 on Lessons 3&4

Unit 1

1 Choose the correct answer:

a 350,000,350 = ... **(In word form)**

(three hundred fifty thousand, three hundred, fifty
or thirty-five million, three hundred, fifty
or three hundred fifty million, three hundred, fifty
or fifty-three million, thirty-five)

b (4 X 1,000,000,000) + (5 X 10,000,000) + (3 X 1,000,000) + (4 X 1,000) + (5 X 100) + (3 X 1) = ... **(In standard form)**

(453,453 or 4,053,004,503 or 4,053,000,453 or 4,530,045,003)

c Four hundred thirty-five million, four hundred thousand, three hundred, five = ... **(In standard form)**

(435,435 or 435,400,350 or 435,040,305 or 435,400,305)

d 200,000,000 + 60,000,000 + 20,000 + 6,000 + 20 + 6 = ... **(In standard form)**

(206,206,206 or 260,026,026 or 26,026,206 or 26,626)

e The value of the digit 8 in 1 80,302,201 is ..... .

(8,000,000,000 or 800,000,000 or 80,000,000 or 8,000,000)

2 Complete the following:

a The number 5,005,050,500: **(In word form)**

.....

.....

b 4,000,000,000 + 30,000,000 + 900,000 + 5,000 + 70

= (4 X .....) + (3 x .....) + (9 X .....)

+ (5 X .....) + (7 X .....).

c The place value of the digit 3 in 80,234,256 is .....

d If the digit 5 is in the Millions place, then its value = (5 x .....).

e Seven hundred million, seventy thousand =

(7 X .....) + (7 X .....).

3 Match:

a Three milliard, three thousand	•	• Three hundred million, three hundred	1
b (3 X 1,000,000,000) + (3 X 10)	•	• 3,000,003,000	2
c 300,000,300	•	• Three hundred, three thousand	3
d Three hundred thousand, thirty	•	• 3,000,000,030	4
e (3 X 100,000) + (3 X 1,000)	•	• (3 x 100,000) + (3 X 10)	5

4 Use the place value table to help you write the following number in different forms:

Milliards	Millions			Thousands			Ones		
Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
3	0	9	0	2	0	0	2	4	0

1 Standard Form: .....

2 Word Form: .....

.....

3 Expanded Form: .....

.....

4 Expanded Notation: .....

.....

Assessment on Concept 1

1 Choose the correct answer:

ⓐ The value of the digit 3 in the Ten Thousands place is ..... .

(30 or 3,000 or 30,000 or 300,000)

ⓑ The value of the digit 2 in 6,326,457 is ..... .

(200 or 2,000 or 20,000 or 2,000,000)

ⓒ **4** milliard + **6** million + **54** thousand + **28** = ...

(8,204,506,004 or 4,600,540,280 or 465,428 or 4,006,054,028)

ⓓ Six million, six thousand = ...

(606,000 or 6,600,000 or 6,060,000 or 6,006,000)

2 Complete the following:

ⓐ (5 X 100,000,000) + (4 X 10,000) + (6 X 10) = ...

ⓑ The value of the digit **3** in the .... place = 30,000,000.

ⓒ Three hundred twenty-four thousand, seventy three **(In standard form)**

= ..... .

ⓓ 400 Thousands = ... Hundreds.

3 Match:

ⓐ 207,000	•	• 999,000 + 999	1
ⓑ 999,999	•	• 500,002,000	2
ⓒ Seven hundred, twenty million	•	• Two hundred, seven thousand	3
ⓓ 500,000,000 + 2,000	•	• 720,000,000	4

Assessment 3 on Lessons 5-7

Unit 1

1 Choose the correct answer:

ⓐ Two milliard, three thousand, three = ... **(In standard form)**

(2,300,300 or 2,000,003,003 or 2,000,303,000 or 2,003,003)

ⓑ The digit 8 in 214,284,697 is in the ..... place.

(Ones or Tens or Ten Thousands or Ten Millions)

ⓒ 200,450 > .....

(245,005 or 204,500 or 245,000 or 200,045)

ⓓ 100,000 < ..... (98,765 or 99,999 or 1,000,000 or 99,000)

2 Complete the following:

ⓐ (9 X 100,000,000) + (2 X 100,000) + (6 X 1,000) + (8 X 1)

= ..... + ... + ... + ...

ⓑ 400 Thousands + 500 Tens = ...

ⓒ The place value of the digit "0" in 9,025,123

is .....

ⓓ The value of the digit 5 in the Millions place = **1,000 times** the value of the digit 5 in the ..... place.

ⓔ (8 X 1,000,000) + (8 X 1,000) = **(In word form)**

.....

3 Arrange the following numbers in an ascending order:

10,025,000 , 10,002,005 , 10,200,050 , 10,020,500

..... , ... , ... , ...

Assessment 4 on Lesson 8

Unit 1

1 Choose the correct answer:

ⓐ 7,542 ≈ ..... *(To the nearest Thousand)*
(7,500 or 7,000 or 8,000 or 75,000)

ⓑ ..... ≈ 5,000 *(To the nearest Hundred)*
(5,490 or 5,950 or 4,950 or 4,590)

ⓒ 6,566 ≈ 6,600 *(To the nearest .....)* (10 or 100 or 1,000 or 10,000)

ⓓ The number of whole number that can be rounded to the nearest 10, so that the result is 70 is ..... . (5 or 10 or 11 or 20)

ⓔ One million ..... 9,999,999 (< or = or >)

2 Complete the following:

ⓐ Eight hundred ninety-six million, three thousand, fifteen **(In expanded form)**
= ..... + ... + ... + ... + ... + ...

ⓑ The place value of the digit 5 in 5,069,420,000
is ..... .

ⓒ 6,475 + 4,125 = ... ≈ ..... *(To the nearest 1,000)*

ⓓ The value of the digit 7 in the Milliards place = ...

ⓔ ..... ≈ 500 *(To the nearest 100)*

"Complete by writing the greatest whole number possible"

3 Arrange the following numbers in an ascending order:

Three hundred thirty thousand , 30,000,030,000 ,
30,030,000 , Thirty million

..... , ... , ... , ...

Assessment on Concept 2

Unit 1

1 Choose the correct answer:

ⓐ 210,753 > ..... (753,200 or 210,755 or 217,053 or 200,753)

ⓑ 40 ten million ..... 4 milliard (< or = or > or ≥)

ⓒ The value of the digit 3 in the Hundred Thousands place .....
the value of the digit 3 in the Millions place. (< or = or > or ≥)

ⓓ 471,326 ≈ ..... **(To the nearest Thousand)**
(471,000 or 470,000 or 472,000 or 1,000)

2 Complete the following:

ⓐ ..... is ten times more than 320.

ⓑ 95,460,813 ≈ ..... **(To the nearest 100,000)**

ⓒ 2,000,000 + 40,000 + 500 + 6 = ...

ⓓ 5,182 ≈ ..... **(To the nearest 1,000)**

3 ⓐ Arrange the following numbers in an ascending order:

3,001,328,391 , 3,999,830 , 3,999,992 , 3,010,001,034

..... , ... , ... , ...

ⓑ Complete using (< , = or >):

1 Four hundred million, four ..... (4 X 100,000,000) + (4 X 1)

2 7,000,707,007 ..... seven milliard, seven hundred seventy-seven

1 Assessments on Units

Assessment on Unit 1

First: **Choose the correct answer:**

1 Three million, three thousand, three = ... **(In standard form)**

a 30,303 b 3,030,030 c 3,003,003 d 3,300,300

2 23,080,250 = ... **(In word form)**

a Three hundred sixty million, eighty thousand, two hundred fifty

b Twenty-three million, eight hundred thousand, two hundred fifty

c Twenty-three million, eighty thousand, two hundred fifty

d Three hundred sixty million, eight hundred, two thousand, fifty

3 706,200,405 = ... **(In expanded form)**

a 700,000,000 + 6,000,000 + 200,000 + 400 + 5

b 700,000,000 + 6,000,000 + 200 + 40 + 5

c 70,000,000 + 6,000,000 + 20,000 + 400 + 5

d 700,000,000 + 6,000,000 + 200,000 + 40 + 5

4 Three milliard, five hundred ninety thousand, three hundred five

= ..... . **(In standard form)**

a 3,000,590,305 b 3,590,305

c 3,590,000,305 d 3,005,900,305

5 (3 X 100,000,000) + (8 X 10,000,000) + (6 X 10,000) + (2 X 100)

= ..... . **(In standard form)**

a 300,860,200 b 380,060,200

c 380,060,200 d 380,600,200

6 ..... is the smallest number formed from 10 digit.

(a) Million (b) Ten million (c) Hundred million (d) Milliard

7 The value of the digit 3 in the number 532,689,127 is ..... .

(a) 300,000 (b) 3,000,000 (c) 30,000,000 (d) 300,000,000

8 40,225,885 < .....

(a) 8,688,988 (b) 41,200,800 (c) 9,999,999 (d) 39,009,000

9 258,456 ≈ ..... *(To the nearest 10,000)*

(a) 250,000 (b) 260,000 (c) 200,000 (d) 300,000

10 The **smallest** whole number that can be rounded to the nearest **100**, so that the result is 2,300, is ..... .

(a) 2,350 (b) 2,250 (c) 2,301 (d) 2,299

Second: Complete the following:

1 The place value of the digit 6 in 658,478,203 is ..... .

2 200 Hundred = ... Thousand

3 2 milliard + 7 million + 225 thousand + 102 = ...

(In word form) ..... .

4 The digit 4 in 248,237,752 is in the ..... place.

5 The value of the digit 5 in the Hundred Thousands place is ..... .

6 3,000,000 = ... thousand

7 Decompose 7,305,057 =

(7 X .....) + (3 X .....) + (5 X .....)

+ (5 X .....) + (7 X .....)

8 Nine milliard, seven hundred five million, thirty thousand, six

= ..... **(In standard form)**

9 654,215 ≈ ..... *(To the nearest 10,000)*

10 ..... ≈ 45,000 *(To the nearest 1,000)*

*(Complete with the **smallest** number possible)*

Third: **Complete using (< , = or >):**

1. 200,002,780 200,020,078
2. (5 X100,000,000) + (5 X 1) 550,000,000
3. 620,000,602 ..... 62 million, 602
4. Three hundred million, three hundred 300,300,000
5. The value of the digit 8 in the Hundred Thousands place 800,000

Fourth: **Arrange the following numbers in an ascending order. Write the numbers in standard form**

Number	Standard Form	Order
30,000,450	.....	a .....
(3 X 1,000,000) + (4 X 100) + (5 X 1)	.....	b .....
Three hundred million, four hundred, fifty	.....	c .....
50 + 400 + 3,000,000,000	.....	d .....
30 million, 450 thousand	.....	e .....

Fifth: **Write each of the following numerical forms in standard form, then round the number to the nearest 100:**

Numerical Form	Standard Form	To the Nearest 100
a Five thousand, five hundred ninety-nine	.....	.....
b 4 thousand, 985	.....	.....
c 90,000 + 400 + 30 + 2	.....	.....
d (8 X 10) + (3 X 1)	.....	.....

Assessment 1 on Lesson 1

Unit 2

1 Complete the following:

a 45 + 65 = 65 + ... "..... *Property*"

b (85 + 48) + 52 = ... + (48 + 52) "..... *Property*"

c The value of the digit 8 in 28,147,256 is ..... .

d 25,458 ≈ ..... *(To the nearest 10,000)*

e 732 + ... = 732 "..... *Property*"

2 Choose the correct answer:

a 421 + 45 = 45 + 421 "..... *Property*"

(Identity Element or Commutative or Associative)

b Milliard is the smallest number formed from ..... digits.

(7 or 8 or 9 or 10)

c 25,452 ≈ 30,000 *(To the nearest .....)*

(100 or 1,000 or 10,000 or 100,000)

d 25 + (75 + 26) = (25 + 75) + 26 "..... *Property*"

(Identity Element or Commutative or Associative)

e Five hundred fifty million, five = ... **(In standard form)**

(500,055 or 550,005 or 550,005,000 or 550,000,005)

3 Complete using (< , = or >):

a Three million, five hundred 3,000,050

b 370,205 (3 X 100,000) + (7 X 1,000) + (2 X 100) + (5 x 1)

c 909,990 990,090

d 400,300,200 400 + 300 + 200

4 Arrange the following numbers in an ascending order:

3,584,852 , 3,458,582 , 3,854,852 , 3,548,258

..... , ... , ... , ...

Assessment 2 on Lesson 2

Unit 2

1 Complete the following:

ⓐ 25 + 99 = 25 + ...

ⓑ 300,750 = (3 X .....) + (7 X .....) + (5 X .....)

ⓒ The value of the digit 9 in the Ten Millions place is ..... .

ⓓ 8 + (7 + 9) = (8 + 7) + ... "..... *Property*"

ⓔ 74,632 ≈ ..... *(To the nearest 1,000)*

2 Choose the correct answer:

ⓐ 7,145 ≈ 7,100 *(To the nearest .....)* (10 or 100 or 1,000 or 10,000)

ⓑ (8 X 100,000,000) + (8 X 1,000) = ...

(88,000,000 or 808,000 or 800,008,000 or 800,800,000)

ⓒ 56 + ... = 56056 (56 or 560 or 5600 or 56000)

ⓓ 593 ≈ 600 *(To the nearest .....)* (10 or 100 or 1,000 or 10,000)

ⓔ 25 + 75 = 75 + 25 "..... *Property*"

(Identity Element or Commutative or Associative)

3 Arrange the following numbers in a descending order:

990,909 , 9,900,990 , 100,000 , 1,000,000

..... , ... , ... , ...

4 773 ships passed through the Suez Canal in January, and 375 ships crossed it in February. Find the number of ships that passed through it in the two months, Explain your steps and then check the reasonableness of your answer.

Estimate (Use rounding to the nearest 100):

.....

Actual answer:

.....

Assessment 3 on Lesson 3

Unit 2

1 Complete the following:

ⓐ Nine milliard, five hundred thousand, four hundred: ..... .

(In standard form)

ⓑ The place value of the digit 6 in 56,124,248 is ..... .

ⓒ 245 + 243 = ... + 245

ⓓ 27,957 ≈ 30,000 *(To the nearest .....)*

2 Choose the correct answer:

ⓐ (3 X 100,000,000) + (5 X 100,000) + (7 X 100) = ...

(300,500,700 or 357,000,000 or 300,005,700 or 300,570,000)

ⓑ 4,000,000 + 60,000 + 100 + 9 = ...

(4,619 or 64,000,109 or 40,060,109 or 4,060,109)

ⓒ 1,000,000 – 1 = ... (9,999,999 or 999,999 or 99,999 or 1,000,001)

ⓓ 50 Hundred Thousands = ... Thousands. (50 or 500 or 5,000 or 50,000)

ⓔ 45 + 0 = 45 *(..... Property)*

(Identity Element or Commutative or Associative or Addition)

3 Find the result of each of the following:

ⓐ	ⓑ	ⓒ	ⓓ
75,654 + 15,257 = ...	40,802 + 9,258 = ...	63,880 – 52,209 = ...	800,002 – 89,566 = ...

4 773 ships passed through the Suez Canal in January, and 375 ships passed in February. Find the difference between the number of ships that passed through it in the two months.

.....

.....

Assessment on Concept 1

1 Choose the correct answer:

a) 7 + 4 = 4 + 7 (..... Property)

(Identity Element or Associative or Commutative or Addition)

b) 85 + (13 + 45) = (85 + 13) + ... (58 or 45 or 13 or 85)

c) 4 + 15 + 1 = ... (19 or 16 or 20 or 10)

d) The Additive Identity Element is ..... (2 or 5 or 0 or 1)

2 Find the result:

a) 8,542 – 3,179 = ...

b) 2,456 + 1,664 = ...

c) 299 + 155 = ...

d) 425 – 198 = ...

3 Answer the following:

a) Mohamed bought a phone for 6,273 LE and a PC for 8,544 LE.

How much money did Mohamed pay?

.....

.....

.....

b) Round each number to the nearest 10, then find the result:

154 + 156 ≈ ..... + ... = ...

.....

.....

.....

Assessment 4 on Lessons 4&5

Unit 2

1 Choose the correct answer:

ⓐ If x + 32 = 105, then x = ... (137 or 73 or 173 or 37)

ⓑ The value of the digit 4 in 74,025,739 is .....

(40,000 or 400,000 or 4,000,000 or 40,000,000)

ⓒ Nine milliard, twenty thousand, fifty **(In standard form)** = ...

(9,020,000,050 or 9,000,020,050 or 9,000,200,500 or 925,000)

ⓓ 25 + 75 = ... + 25 (100 or 25 or 75 or 125)

ⓔ The equation that represents the opposite bar model is ..... .

45	
w	30

(w + 30 = 45 or 30 – w = 45 or w – 30 = 45 or w + 15 = 45)

2 Complete the following:

ⓐ If y – 12 = 25, then y = ...

ⓑ (3 X 1,000,000) + (2 + 10,000) + (4 X 10) = ... **(In standard form)**

ⓒ Million is the smallest number formed from ..... digits.

ⓓ 5,000 Millions = ... Milliards.

ⓔ Using to opposite bar model:

83	
52	e

..... – e = ...

3 Creat a bar model and an equation for each problem, then find the solution:

ⓐ There are **56 students** in a class, **31** of them are boys.

What is the number of girls?

.....	
.....	.....

Equation: ..... .

Solution: ..... .

ⓑ There are **67 pounds**, she spent **54 pounds**.

How much is left with her?

.....	
.....	.....

Equation: ..... .

Solution: ..... .

Assessment on Concept 2

Unit 2

1 Choose the correct answer:

ⓐ In the opposite bar model, y = ...

y	
47	65

(112 or 18 or 47 or 65)

ⓑ If $21 - \chi = 7$, then χ = ...

(28 or 21 or 14 or 7)

ⓒ Which of the following bar models represents the equation: **93 – w = 42**

93	
w	42

or

15	
32	w

or

w	
15	32

or

42	
93	w

ⓓ The equation that represents the following bar model is ..... .

m	
25	31

(m = 31 – 25 or 13 – m = 25 or 25 – m = 31 or m = 25 + 31)

2 Answer the following:

ⓐ Hazem monitors an ant colony on the website. It contains **132,890** ants. Menna monitors two ant colonies, one with **57,999** ants and another one with **57,024** ants.

Who watches more ants, and how much is the increase?

..... .

..... .

ⓑ The population of Matrouh is **429,999** people, the population of North Sinai is **474,401** people and the population of South Sinai is **108,951** people.

How much is the population of North Sinai and South Sinai together more than the population of Matrouh?

..... .

..... .

Assessment on Unit 2

First: **Choose the correct answer:**

1. $25 + 152 = 152 + 25$ (..... Property)
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

2. $63 + (15 + 95) = (63 + 15) + 95$ (..... Property)
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

3. $258 + 0 = 258$ (..... Property)
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

4. $456 + 998 = 454 +$ .....
   - (a) 999
   - (b) 990
   - (c) 1,000
   - (d) 996

5. $369 + 254 =$ .....
   - (a) $369 + 200 + 50 + 4$
   - (b) $369 + 2 + 4 + 5$
   - (c) $369 + 25 + 4$
   - (d) $369 + 2 + 54$

6. The equation that represents the following **bar model** is ..... .
   - (a) $\chi + 120 = 750$
   - (b) $750 - \chi = 150$
   - (c) $\chi - 150 = 750$
   - (d) $\chi = 750 + 150$

750	
χ	150

7. The bar model that represents this equation **"32 – y = 15"** is ..... .

(a)

32	
15	y

(b)

15	
32	y

(c)

y	
15	32

(d)

47	
32	y

8 158,456 + 252,234 = ...

(a) 300,780 (b) 410,690 (c) 300,690 (d) 790,410

9 If χ + 245 = 786, then χ = ...

(a) 245 + 786 (b) 786 – 245 (c) 245 + 541 (d) 786 – 541

10 If 452 – y = 152, then y = ...

(a) 452 + 152 (b) 152 + 200 (c) 452 – 152 (d) 452 – 200

Second: Complete the following:

1 45 + 21 = ... + 45 (..... *Property)*

2 (45 + 25) + 15 + ... = ... + (..... + 15) + 13

(..... *Property)*

3 254 + ... = 254 (..... *Property)*

4 25,475 + 85,235 = ...

5 600,800 – 365,247 = ...

6 If χ + 258 = 500, then χ = ...

7 If 458 + y = 600, then y = ...

8 If m – 524 = 214, then m = ...

9 If 842 – z = 600, then z = ...

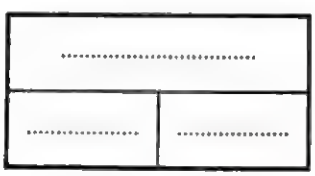
10 2,456 + 3,375 = ... ≈ ..... *(To the nearest 1,000)*

Third: Answer the following:

(a) In one week, 6,245 tourists visited the Pyramids, and in the following week 5,375 tourists did.

How many tourists visited the Pyramids in the two weeks?

Bar Model:

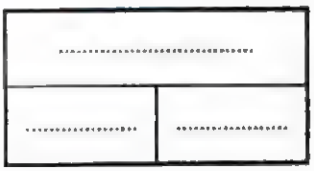


Equation: ..... .

Solution: ..... .

b Sarah had 1,025 pounds. She bought a dress for 675 pounds. How many pounds does Sarah have left?

Bar Model:



Equation: .....

Solution: .....

c A road with a length of 9,150 meters was paved in three days, of which 345 meters were paved on the first day, and 290 meters on the next day. How many meters were paved on the third day?

.....

.....

.....

Accumulative Assessments on Units 1&2

Assessment 1

1 Complete the following:

a 7,000,021 = ... Millions + ... Thousands + ...

b 245 + 243 = ... + 245

c 0 + ... = 9 "..... Property"

d 50 Ten Thousands = ...

2 Choose the correct answer:

a When approximating the number 3,999 to the nearest Ten,
it is ..... (4,900 or 4,000 or 5,990 or 5,000)

b 45 + 0 = 45 (..... Property)
(Distributive or Identity Element or Commutative or Associative)

c 5,000 + 20 + 3 = ...
(50,203 or 523 or 5,023 or 5,000,203)

d The place value of the digit 7 in 965,712,3 .....
(millions or milliards or hundreds or thousands)

3 Compare using (< , = or >):

a 900 Thousands ..... 90 Millions

b 6,000,000,000+ 4,000 + 2 ..... 6,000,000+80,000+100

c 456,258 + 543,742 ..... The greatest 7-digit number

d 10,000+8,000+ 200+80+7 ..... 18,654 – 367

4 Answer the following questions:

(a) The number of girls in a school is 458, and the number of boys is 367. What is the total number of students in this school?

.....

.....

(b) Salma was counting the ants in the colony. She counted 1,525 ants on Monday, 19,750 ants on Tuesday, and 3,705 ants on Wednesday. If there are 30,520 ants in the colony, how many ants does she still need to count?

.....

.....

(c) **Find the result:**

[1] 235,147 + 235,448 = ...

[2] 65,254 − 36,142 = ...

Assessment 2

1 Complete the following:

(a) 27,957 ≈ 30,000 *(To the nearest .....)*

(b) 27 + 19 = 19 + ... *"..... Property"*

(c) 245 + 243 = ... + 245

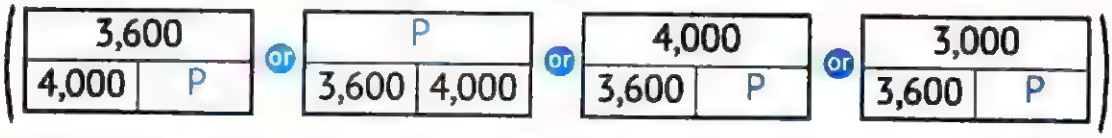
(d) Six milliard, eight hundred fifteen million, four hundred thousand, thirty = ... *(standard form)*

2 Choose the correct answer:

(a) (8 X 100,000,000) + (8 X 1,000) = ...

(88,000,000 or 808,000 or 800,008,000 or 800,800,000)

(b) A store has 4,000 toys, and 3,600 toys are left. If P represents the number of sold toys, which bar model represents this equation?



(c) If the place value of the digit 5 is the Ten Thousands, then its value is .....

(50 or 500 or 50,000 or 50,000,000)

(d) 75 – 49 = 74 – .....

(50 or 48 or 98 or 99)

3 Compare using (< , = or >):

(a) Five hundred seventy thousands, ninety-eight ..... 500,000+70,000+90+8

(b) Six milliard, two hundred thousands ..... 6,000,000,000 + 200

(c) Four hundred fifty two millions, six hundred ninety-five 4,520,003,695

(d) 290 + 530 ..... 732 + 88

4 Answer the following questions:

(a) Write the number 6,254,835 in the decomposed form:

.....

.....

(b) Sarah had 6,250 pounds, she bought a mobile for 4,630 pounds. How many pounds are left with Sarah?

.....

.....

(c) Arrange the following numbers in an ascending order:

354,456 , 345,456 , 345,465 , 354,465

..... , ... , ... , ...

Assessment 1 on Lesson 1

Unit 3

1 Choose the correct answer:

ⓐ The best unit for measuring the **length** of a school bus is ..... .

(meters or centimeters or kilometers or grams)

ⓑ **A kilogram** is a measurement unit of the ..... .

(volume or height or mass or capacity)

ⓒ 250 million, 50 thousand and 5 = ... **(In standard form)**

(5,002,150 or 250,055,000 or 250,500,005 or 250,050,005)

ⓓ 200,000 cm = ... (2 km or 20 m or 200 dm or 200 mm)

ⓔ 100 + 43 = ... + 100 (143 or 47 or 50 or 43)

2 Complete the following:

ⓐ 40 km, 25 m = ... m + ... m = ... m

ⓑ 9,570 cm = ... m + ... cm

ⓒ A **liter** is a measurement unit of ..... .

ⓓ The place value of the digit 8 in 8,417,216,234 is ..... .

ⓔ 54,625 ≈ ..... *(To the nearest 100)*

3 Complete using (< , = or >):

ⓐ 4,589,465 ..... 4,958,456 ⓑ 4,500 cm ..... 450 m

ⓒ 50,025 m ..... 5 km, 25 m ⓓ 56 + 30 ..... 54 + 28

ⓔ (5 X 100,000,000) + (2 X 100) + (7 X 1) ..... 500,000,000+ 200 + 7

4 Arrange the following numbers in an ascending order:

25 m , 1,500 cm , 2 km , 2,000 dm

..... , ... , ... , ...

5 The distance between Samah's house and her school is 2 km. What is the distance in meters, decimeters, and centimeters?

2 km = ... m = ... dm = ... cm

Assessment 2 on Lesson 2

Unit 3

1 Choose the correct answer:

a A ..... is a unit of **mass** measurement.

(minute or kiloliter or kilometer or kilogram)

b A **kilogram** is the best unit for measuring the mass of a ..... .

(ruler or balloon or pencil or desk)

c 50,000 grams = ... kg (5 or 50 or 500 or 5,000)

d 30 kg + 125 g = ... g (3,125 or 31,250 or 30,125 or 3,025)

e The value of the digit 5 in the **Ten Thousands** place is ..... .

(500,000 or 50,000 or 5,000 or 500)

2 Complete the following:

a The **largest** 7-digit number is ..... .

b 5,000 + 0 + 0 + 0 + 4 = ...

c 56,240 grams = ... kg, ... g

d 310,205 **(In expanded notation)** = ...

..... .

e The number that comes just **after** 999,999 is ..... .

3 Complete using (< , = or >):

a 20 kg ..... 2,000 g

b The mass of a rabbit ..... the mass of a car

c 7,306,820 ..... 7,368,200 d 2,500 dm ..... 250 m

e 3,000,050,003 ..... 3 milliards, 50 thousand, 3

4 Ahmed bought 4 kilograms and 300 grams of oranges, 3 kilograms of apples and 900 grams of strawberries. Rewrite these weights in grams and then find the sum of the weights of what Ahmed bought.

..... .

Assessment 3 on Lesson 3

Unit 3

1 Choose the correct answer:

a A milliard is the **smallest** number formed from ..... digits.

(7 or 9 or 10 or 11)

b 50 liters = ... milliliters (500 or 5,000 or 50,000 or 500,000)

c 14 liters, 14 milliliters = ... milliliters

(1,414 or 14,140 or 14,014 or 28)

d 50,000 milliliters ..... 5 liters (< or = or > or ≥)

e The number 75,499 is rounded to the nearest **1,000** ≈ ..... .

(75,500 or 76,000 or 75,000 or 74,000)

2 Complete the following:

a 80,000,000 + 8,000,000 + 8,000 + 8 = ... **(In standard form)**

b 20,250 milliliters = ... liters, ... milliliters

c 2,050 millimeters = ... centimeters, ... millimeters

d If $\chi - 45 = 15$, then χ = ...

e 50 kg, 20 grams = ... grams

3 Find the result:

a 23,456 + 64,247 = ...

b 65,754 – 37,244 = ...

c 45,565 + 54,435 = ...

d 80,000 – 24,000 = ...

4 Arrange the following numbers in a descending order:

500,500 , 5,500,000 , 500,005 , 5,050,000

..... , ... , ... , ...

5 A juice bottle contains two liters of juice. Adel drank 660 milliliters of it. How much juice is left in the bottle?

.....

Assessment on Concept 1

1 Choose the correct answer:

ⓐ A water tank contains **12** liters of water, so the number of milliliters that the tank contains is ..... mL.

(120 ● 1,200 or 12,000 or 12)

ⓑ A/An ..... is the unit of measuring mass.

(liter ● Kilogram or Hour or Meter)

ⓒ **6** meters and **20** centimeters = ... centimeters

(620 or 206 or 602 or 62)

2 Complete the following:

ⓐ **7,000** g = ... kg

ⓑ **3** m + **30** cm = ... cm

ⓒ **5,492** mL = ... L, ... mL

3 Answer the following:

ⓐ An ant walked **8** meters from the ant colony to search for food.

What is the distance traveled in centimeters?

.....

.....

ⓑ **One hundred** ants drink one liter of water.

How many milliliters do the ants drink?

.....

.....

Assessment 4 on Lessons 4&5

Unit 3

1 Choose the correct answer:

ⓐ (4 + 5) + 7 = 4 + (5 + 7) (..... Property)

(Associative or Neutral Element or Commutative)

ⓑ (6 X 10,000,000) + (6 X 100) ..... 6,600,000 (< or = or >)

ⓒ 2 days and 2 hours = ... hours (26 or 122 or 50 or 860)

ⓓ Ten million is the smallest number formed from ..... digits.

(6 or 7 or 8 or 9)

ⓔ 20 km = ... meters (2 or 200 or 2,000 or 20,000)

2 Complete the following:

ⓐ 3:45 + 2:15 = ... : ..... = ...

ⓑ 10 minutes and 10 seconds = ... seconds

ⓒ The value of the digit 5 in the **Ten Thousands** place = ...

ⓓ 325,215 + 125,247 = ...

ⓔ 39 days = ... weeks, ... days

3 Draw the hands of the analog clock to represent the time shown:

ⓐ It's 10 past 4.

ⓑ It's 10 to 8.

ⓒ It's half past 2.

4 Salma trains to swim for an hour and 15 minutes.

If she starts training at 5:35, when will Salma finish training?

.....

.....

Assessment 5 on Lessons 6&7

Unit 3

1 Choose the correct answer:

a Twenty million, two thousand ..... 22,000,000 (< or = or >)

b The digit in the **Millions** place in 201,600,000 is ..... . (6 or 1 or 2 or 4)

c 6 hours = ... minutes (180 or 360 or 144 or 42)

d 2,000 millions = ... thousands

(2,000,000,000 or 2,000,000 or 2,000 or 2)

e Three million, thirty thousand, three hundred = ...

(In standard form) (3,030,300 or 3,300,300 or 3,003,300 or 300,003,030)

f 8 + 12 = 12 + 8 (..... *Property)*

(Commutative or Associative or Neutral Element or Subtraction)

2 Complete the following:

a 3 days and 3 hours = ... hours

b 195 minutes = ... hours, ... minutes

c (6 X 100,000,000) + (7 X 100,000) + (6 X 1,000) + (7 X 100) + (6 X 1)

= ..... **(In standard form)**

d 5:12 – 3:50 = ... : ..... .

e The value of the digit 6 in the Ten Millions place is ..... .

3 Match:

a 2 days , 12 hours	•	• 60 days	1
b 8 weeks , 4 days	•	• 60 minutes	2
c 1 minute	•	• 60 hours	3
d 1 hour	•	• 60 seconds	4

4 Arrange the following numbers in an ascending order:

5,005,500 , 5,500,005 , 5,050,050 , 5,005,050

..... , ... , ... , ...

Assessment on Concept 2

Unit 3

1 **Choose the correct answer:**

ⓐ 7:25 – 3:15 = ... (7:00 or 4:40 or 4:10 or 10:40)

ⓑ The time shown on the opposite clock is ..... .

(3:15 or 4:00 or 1:03 or 3:05)

ⓒ **2** hours and **10** minutes = ... minutes

(210 or 130 or 120 or 12)

2 **Complete:**

ⓐ **5** weeks and **3** days = ... days

ⓑ 140 minutes = ... hours + ... minutes

ⓒ 2:45 + 6:17 = ...

3 **Ahmed's cat weighs 3 kilograms and 400 grams, and Hisham's dog weighs 9 kilograms and 700 grams.**
What is the sum of the weight of the two pets.

.....

.....

.....

4 **The height of the school building is 20 meters and 40 cm, and the tree adjacent to the school is 9 meters and 80 cm high.**
How much is the height of the school building greater than the height of the tree?

.....

.....

.....

Assessment on Unit 3

First: **Choose the correct answer:**

1 The best unit for measuring the **height** of a class is ..... .

(a) meters (b) centimeters (c) millimeters (d) kilometers

2 The best unit for measuring **a dog's mass** is ..... .

(a) grams (b) centigrams (c) milligrams (d) kilograms

3 The best unit for measuring a **car's fuel tank** is ..... .

(a) liters (b) centiliters (c) milliliters (d) dekaliters

4 The time is now 10:25, . What will the time be after fifty minutes?

..... .

(a) 10:50 (b) 10:15 (c) 11:25 (d) 11:15

5 120 **hours** = ... **days**

(a) 2 (b) 6 (c) 5 (d) 12

6 The ..... is one of the **graduated scales** that we see in our daily lives.

(a) car (b) mobile phone (c) balance (d) calculator

7 The **height** of Cairo Tower is **198** meters. How high is it in centimeters?

(a) 198 cm (b) 1,980 cm (c) 19,800 cm (d) 198,000 cm

8 If Shaimaa's weight is 65 kilograms and 500 grams, then her weight in grams is ..... .

(a) 565 g (b) 650,500 g (c) 65,000,500 g (d) 65,500 g

9 "**20** to **3**", represented on the digital clock as (..... : .....).

(a) 3:20 (b) 2:40 (c) 2:20 (d) 4:20

10 If a fish tank contains 20 liters and 250 milliliters of water, then the **volume** of the water in the tank in milliliters is ..... .

(a) 20,250 mL (b) 2,250 mL (c) 25,020 mL (d) 2,025 mL

Second: Complete the following:

1. 10 **meters** and 25 **centimeters** = ... **centimeters**
2. 20,015 **meters** = ... **kilometers** and ..... **meters**
3. 15,040 **grams** = ... **kilograms** and ..... **grams**
4. 400,020 **milliliters** = ... **liters** and ..... **milliliters**
5. 4 **kilometers** = ... **meters**
6. 20,000 **grams** = ... **kilograms**
7. 500 **liters** = ... **milliliters**
8. 6:45 + 2:28 = ... : .....
9. 8:00 − 7:37 = ... : .....
10. 250 **minutes** = ... **hours** and ..... **minutes**

Third: Complete using (< , = or >):

1. 7 weeks ..... 45 days
2. 3 days ..... 46 hours
3. 2 hours ..... 150 minutes
4. 4 minutes ..... 240 seconds

Fourth: Arrange the following lengths in an ascending order:

400 cm , 40 m , 4 dm , 4 km

..... , ... , ... , ...

Fifth: Salah has been in football training for two hours and 30 minutes. If Salah goes to training three days a week, how many minutes does he spend in training per day? And how many minutes does Salah spend in training per week?

.....

.....

.....

First: Choose the correct answer:

1 The capacity of a juice can is 1 liter and 500 ml, then its capacity in milliliters = ... ml.

(a) 150 (b) 1,500

(c) 15,000 (d) 1,005

2 The **Expanded Form** of the numeral 7,215,603 is .....

(a) 3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000

(b) 3 + 60 + 500 + 1,000 + 20,000 + 700,000

(c) 3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000

(d) 3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000

3 1 day and 5 hours = ... hours.

(a) 29 (b) 65

(c) 15 (d) 35

4 Which of the following represents the Commutative Property of addition?

(a) 635 + 492 = 492 + 635 (b) 0 + 847 = 847

(c) (18 + 2) + 16 = 36 (d) 1 + 131 = 132

5 10 times greater than the number 430 = ...

(a) 430 (b) 4,300

(c) 43,000 (d) 430,000

6 The population of a country is 56,724,033, then the **place value** of the digit 6 is in .....

(a) Thousands. (b) Hundred - thousand.

(c) Millions. (d) Ten - million.

7 13 + 0 = 13, is the ..... Property.

(a) Associative. (b) Commutative.

(c) Additive Identity. (d) None of the above.

8 423 cm = ...

(a) 23 m, 4 cm. (b) 42 m, 3 cm.

(c) 4 m, 23 cm. (d) 3 m, 42 cm.

9 Which digit can be placed in the bubble to make the mathematical expression correct?

6,201,351 > 6,20 ,351

(a) 0 (b) 1

(c) 2 (d) 3

10 Which of the following is a digit?

(a) 10 (b) 9

(c) Three thousands and five. (d) 3,214,470

11 13 liters and 30 ml = ... ml.

(a) 1,330 (b) 13,030

(c) 43 (d) 3,013

12 The number 1 milliard, 235 million, and 127 in **Standard Form** = ...

(a) 1,235,000,127 (b) 1,235,127

(c) 1,272,351 (d) 1,235,127,000

13 Round 6,749,001,551 to the nearest Milliard = ...

(a) 6,000,000,000 (b) 7,000,000,000

(c) 6,700,000,000 (d) 8,000,000,000

14 2 days and 2 hours = ... hours.

ⓐ 22 ⓑ 4

ⓒ 62 ⓓ 50

15 In the number 34,042, the digit 4 in the Thousands place is equal to ..... times the digit 4 in the Tens place.

ⓐ 10 ⓑ 100

ⓒ 1,000 ⓓ 10,000

16 All of the following statements are true, except:

ⓐ If the digit in the number moves one place to the left, it multiplies ten times.

ⓑ If the digit in the number moves one place to the right, it multiplies ten times.

ⓒ If the digit in the number moves two places to the left, it multiplies hundred times.

ⓓ If the digit in the number moves three places to the left, it multiplies thousand times.

17 Omar had 4,500 pounds, and after two years, the amount he had has been doubled ten times. How much money does Omar have now?

ⓐ 9,000 ⓑ 4,510

ⓒ 45,000 ⓓ 45,004,500

18 The correct **verbal form** of the number 1,271,305 is:

ⓐ One million, two hundred seventy-one thousand, five hundred and three.

ⓑ One million, two hundred seventy-one, three hundred and fifty.

ⓒ One million, one hundred and seventy two thousand, three hundred and five.

ⓓ One million, two hundred seventy one thousand, three hundred and five.

19 Which of the following statements is correct?

(a) $4{,}646 < 4{,}466$ (b) $4{,}646 > 4{,}664$

(c) $4{,}664 > 4{,}646$ (d) $4{,}646 = 4{,}664$

20 Which of the following is the correct ascending order:

(a) 573 , 580 , 735 , 757 (b) 735 , 508 , 573 , 757

(c) 4735 , 757 , 573 , 580 (d) 757 , 735 , 580 , 573

21 **The** ascending order of the following numbers:

1- 6 x 100000 + 4 x 10000 + 5 x 1000 + 3 x 100 + 1 x 1

2- six hundred and fifty three thousand, three hundred.

3- 604302

4- Five hundred and eighty eight thousand three hundred and ten.

(a) 1, 3, 2, 4 (b) 4, 3, 2, 1

(c) 4, 2, 1, 3 (d) 4, 1, 3, 2

22 Rounding the number 34089 to the nearest ten-thousand is:

(a) 34,000 (b) 34,090

(c) 30,000 (d) 35,000

23 The expression that expresses the correct approximation:

(a) 3,100 is rounding 3,191 to the nearest hundred.

(b) 210 is rounding 201 to the nearest ten.

(c) 4,000 is rounding 3,535 to the nearest thousand.

(d) 6,000,000 is rounding 5,006,666 to the nearest million.

24 The correct strategy to find the result of 122 - 49 is ..... (using mental computation):

(a) Find the result of 122 - 50, then subtract 1.

(b) Find the result of 122 - 50, then add 1.

(c) Find the result of 122 - 40, then add 9.

(d) Find the result of 120 - 49, then subtract 2.

25 Subtract: 613 – 247 = ...

(a) 567 (b) 434

(c) 366 (d) 807

26 Maryam bought a novel containing 316 pages, of which she read 129 pages. Which of the following Bar Representation represents the remaining pages:

(a)

129	
316	?

(b)

?	
129	316

(c)

316	
129	?

(d)

?	
316	129

27 Which of the following sentences expresses a correct relationship between the units of mass:

(a) 1 gram = 1000 kilograms. (b) 1 kilogram = 1000 tons.

(c) 1 gram = 1000 tons. (d) 1 tons = 1000 kilogram.

28 Using the relationship between units of length; choose the correct answer to complete the following table:

Km	Meter	Centimeter
60	60000	?

(a) 600 (b) 6,000

(c) 60,000 (d) 6,000,000

29 Adel spends 6 hours at school. If we want to calculate Adel's school day in minutes, we:

(a) add 6 to 60 (b) add 6 to 24

(c) multiply 6 by 60 (d) multiply 6 by 24

30 Seif wrote the number 3,562,781.

Marwa wrote the number 23,482,513.

Why is the value of the 5 in Seif's number different than the value of the digit 5 in Marwa's number?

(a) The digits to the left of each 5 are different.

(b) The place values of each 5 are different.

(c) The digits to the right of each 5 are different.

(d) The total number of digits in each number are different.

31 Which is the **Standard From** of "Eighteen million, six hundred five thousand".

(a) 1,860,500 (b) 81,605,000

(c) 1,860,5 (d) 18,650,000

32 Which expression is the **Expanded Form** of 10,005,007?

(a) 10,000,000 + 5,000 + 7 (b) 10,000 + 5,000 + 7

(c) 1,000 + 500 + 7 (d) 1,000,000 + 500 + 7

33 Town A's library has three hundred sixty-two thousand, twenty-one books. Town B's library has three hundred twenty-six thousand, one hundred two books. Which choice below correctly compares the number of books in both towns' libraries?

(a) 362,021 < 326,102 (b) 326,102 = 362,021

(c) 362,021 > 326,102 (d) 326,102 > 362,021

34 Which answer represents rounding 32,582,346 to the nearest million?

(a) 30,000,000 (b) 32,600,000

(c) 32,000,000 (d) 33,000,000

35 Which equation would be best to include in an explanation of the Commutative Property of Addition?

(a) 8 + 0 = 8 (b) 7 + 8 = 8 + 7

(c) 3 + 18 = 3 + 11 + 7 (d) 5 + 8 = 3 + 10

36 Hayam writes 22 − (10 + 1) = (22 − 10) + 1. Is the statement true? Choose the answer below that also includes the best explanation.

ⓐ Yes, because the Associative Property applies to subtraction.
ⓑ Yes, because the Commutative Property applies to subtraction.
ⓒ No, because the Associative Property does not apply to subtraction.
ⓓ No, because the Commutative Property does not apply to subtraction.

37 Farid begins solving a subtraction problem. What is his next step? Choose the best answer.

$$\begin{array}{r} 737 \\ -\ 484 \\ \hline 3 \end{array}$$

ⓐ Subtract 8 from 3 in the Tens place.
ⓑ Add 3 and 8 in the Tens place.
ⓒ Regroup the Tens place and add 8 and 13.
ⓓ Regroup the Tens place and subtract 8 from 13.

38 Which choice shows how you could correctly use rounding to estimate a reasonable answer for the problem 816 − 257 ?

ⓐ 810 − 260 = 550
ⓑ 820 − 260 = 560
ⓒ 800 − 250 = 550
ⓓ 820 − 250 = 570

39 A local bakery sold 1,232 zalabya in one day. If they sold 876 zalabya in the morning, how many were sold during the rest of the day?

ⓐ 356
ⓑ 520
ⓒ 1,588
ⓓ 2,108

40 The Suez Canal extends from Port Said to the city of Suez and is 193,120 meters long. If a boat travels 38,620 meters each day for 5 days, how many more meters will it need to travel to reach the end of the canal?

ⓐ 5 meters.
ⓑ 20 meters.
ⓒ 154,500 meters.
ⓓ 385,220 meters.

41 Which sentence best explains the relationship between a meter and a kilometer?

ⓐ A kilometer is equal to 100 meters.

ⓑ A kilometer is equal to 1,000 meters.

ⓒ A meter is equal to 1,000 kilometers.

ⓓ A meter is equal to 100 kilometers.

42 A bucket holds 6 liters of water. To find the number of milliliters the bucket holds, a student could ..... 1,000 because each liter equals 1,000 milliliters.

ⓐ add 6 and.

ⓑ subtract 6 from.

ⓒ multiply 6 by.

ⓓ divide 6 by.

43 A wall is 16 meters long. It is split equally into 8 sections. How many centimeters long is each section?

ⓐ 2,000 centimeters.

ⓑ 2 centimeters.

ⓒ 20 centimeters.

ⓓ 200 centimeters.

44 There are 4 bicycles on a road, and 14 times as many cars as bicycles. How many cars are on the road?

ⓐ 46

ⓑ 14

ⓒ 56

ⓓ 18

45 Which comparison is correct?

ⓐ 9 is 4 times greater than 27.

ⓑ 72 is 8 times less than 9.

ⓒ 18 is two times greater than 9.

ⓓ 45 is 5 times greater than 10.

Second: Complete:

1 Estimate 476,651 by **Front-end Estimation** = ...

2 4 minutes and 20 seconds = ... seconds.

3 The Value of the digit 6 in 61,230,478 ..... .

4 284,615 – 106,392 = ...

5 The **Standard Form** of the numeral: Three million, two hundred and fourteen thousand, and nine hundred thirty-six is ..... .

6 35 Kg and 86 g = ... g.

7 91,024 + 32,549 = ...

8 The number ..... is 10 times greater than the number one hundred thousand.

9 In the opposite Bar Model, the value of b = ...

b	
9,901	1,000

10 The Place Value of the digit 2 in the numeral (2 Ones, 5 Tens) x 100 is ..... .

11 500 Tens = ...

12 The greatest number formed from the digits 2, 0, 5, 3 is ..... .

13 The **Decomposed Form** of the numeral 601,207 is ..... .

14 In the corresponding Bar Model: the value of the unknown C = ...

7620	
C	4310

15 If 853 - A = 751,
the value of A = ...

16 In the equation 125 + A = 300, then A = ...

17 The value of the symbol H in the equation H-1,590 = 3,410 is ..... .

18 In the equation G + 710 = 930, the value of G is ..... .

19 3,000-B = 2,000, then the value of B = ...

20 C- 2,348 = 5,053, then C = ...

21 650 mm = ... cm.

22 8 meters, 45 cm = ... cm.

23 5 m = ... cm.

24 9,000 mm = ... cm.

25 ..... m = 350 dm.

26 27 km, 55 m = ... m.

27 9 kg - 3,420 gm = ... gm.

28 A box has a mass of 5 kg and 700 g, then its mass in grams = ...

29 A jug of 10 liters of water. How many milliliters does it have? .....

30 If Ahmed had 100 pounds, and the sum of what he and what his friend had was 350 pounds, then the number of pounds with his friend = ...

31 Iman read 96 pages of a book in the first week, 153 in the second week, and 35 pages remained. The number of pages in the book = ...

32 The **place value** of the digit 3 in the number 23,174,265 is .....

33 ..... = 450 + 126,000 + 70,000,000

34 20 Tens = ...

35 The **Standard Form** of the number: four hundred and nine is .....

36 Write in the **Standard Form** the number: 34 million, 97 thousand: .....

37 The number 543,186, approximated to the nearest thousand is .....

38 The number 163,518,943 to the nearest million is .....

39 The Additive Identify Element is .....

40 Subtract: 4,625,269 - ..... 1,000,000.

41 A week, and two days = ... days.

42 3 hours = ... minutes.

43 96 hours = ... days.

44 A garden in the shape of a square whose sides are 10 meters, then its perimeter = ... meter.

Third: Put (✓) for the right answer and (✗) for the wrong answer:

1 6,514 < 1+20+400+30,000. ( )

2 To convert 50 millimeters in centimeters, we multiply by 10. ( )

3 2 dm, 6 mm < 206 mm. ( )

4 1 dm = 10 cm. ( )

5 (5 × 1) + (8 × 1,000) + (4 × 10,000) + (1 × 10,000) = 1,485. ( )

6 2 days = 48 hours. ( )

7 800 thousands = 8 millions. ( )

8 7 weeks and 3 days = 52 days. ( )

9 The capacity of a lemon juice bottle is 2 litters, if we want to distribute the juice in small cups, each having a capacity of 200 ml, then the number of cups equals 10. ( )

10 To convert 50 millimeters in centimeter, we multiply by 10. ( )

11 The **Standard Form** of the number: 625 million, 438 thousand, 200 is 625,438,200. ( )

12 The one-millionth digit in the number 819,408,376 equals 1. ( )

13 The **place value** of the number 5 in the number: 9,008,527,314 is hundreds of thousands. ( )

14 The **value** of the number 3 in the number 125,350,479 equals 300,000.

15 On milliard is the smallest 10-digit-number. ( )

16 The smallest number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is 1,203,456,789. ( )

17 (3 Tens and 9 Ones) = 10 x 390. ( )

18 The number that is 100 times the number 45 is 4,500. ( )

19 300 one hundred equals 3,000. ( )

20 The **Word Form** of the number 800,000 + 50,000 + 30 + 9 is eight hundred fifty thousand, thirty-nine. ( )

21 The **Decomposed Form** of the number: nine million, four hundred and forty thousand, two hundred and twenty is:
$(9 \times 1{,}000{,}000) + (4 \times 100{,}000) + (4 \times 10{,}000) + (2 \times 1000) + (2 \times 10)$. ( )

22 500,000 + 40,000 + 3,000 +10 + 5 > five hundred and forty three thousand, fifteen. ( )

23 Rounding the number: 8,532 to the nearest 1,000 is approximately 8,000. ( )

24 The property 395 + 0 = 395 is called **Additive Identity Property.** ( )

25 The subtraction is a Commutative process. ( )

26 In the equation: 4,914 + a = 7,593, the value of the unknown a is 2,689. ( )

27 80 meters, 90 centimeters = 8,900 centimeters. ( )

28 4 kilograms, 250 grams = 4,250 grams. ( )

29 9 liters, 350 milliliters = 9,350 milliliters. ( )

Fourth: Match:

1	The Additive Identity is	a	1
		b	0
2	4,000 - 3,999 = ...	c	2
3	2,500,000 <	a	420
		b	4,200
4	(4 Hundreds, 2 Tens) × 10 = ...	c	4,200,000
5	5 weeks = ... days.	a	120
		b	300
6	5 minutes = ... seconds.	c	35
7	The **value** of the digit 5 in the numeral 4,125,081 is	a	50,000
		b	5,000
8	15 kg = ... g.	c	15,000

Match each paragraph of (a) with its appropriate answer in (b):

	A	B
1	The **value** of the digit 7 in the number 270,150,081 is	28
2	342,000 + 358,000 = ...	70,000
3	The number that is 7 times of the number 4 is	700,000
4	Maha saves 10 pounds of her expenses every day. How much does she save per week?	70,000,000
5	700 hundreds = ...	70

	A	B
1	173 million, 904 thousand, 562	800 Hundreds
2	37 kg, 98 g = ... g	908,000
3	80,000	522,000
4	(9 Thousands, 8 Tens) x 100	37,098
5	Aya wants to round the number 521,789 to the nearest thousand, the answer would be.....	173,904,562

	A	B
1	600000 + 5000 + 212	650,021,000
2	7 liters, 150 milliliters - 780 milliliters = ... milliliters	120
3	The Standard Form of the number: (six hundred fifty million and twenty-one thousand)	605,212
4	A school with 300 students in the fourth grade of primary school, if the number of boys is 180, then the number of girls = ... girls.	6,370

	A	B
1	The number ..... is equal to 10 times the number 750.	490
2	In the opposite Bar Model, the value of b is ..... <table><tr><td colspan="2">750</td></tr><tr><td>260</td><td>b</td></tr></table>	Hundreds
3	The place value of the number 6 in the number 600,000 is	100,000
4	A beehive contains 102,635 bees, the number of bees to the nearest tens of thousands is	7,500
5	The place value that is equal to 100 times the number 3 in the Ones place is the	Hundred - thousands

	A	B
1	Hana says that 5,000 hundred is equal to	4,000
2	The largest number formed from the digits (4, 3, 9, 5, 2) is	500,000
3	Mona drank 4 liters of water, the amount she drank in milliliters is equal to	95,432
4	The number 8,675 ≈ 9,000 is rounded to the nearest	Thousands

	A	B
1	The number 25 million = ... thousands.	6,454
2	A player runs 1,537 meters, so the distance he travels to the nearest hundred is ..... meter.	25,000
3	... . g = 6 kg, 454 g.	1,500
4	An hour and a quarter of an hour equals ..... minutes.	75

Fifth: Essay questions:

1 In the number 888,888, what is the place value of the digit 8 if its value equals 10 times greater than the value of the digit 8 in the Ten-thousands place?

.....

.....

.....

2 Create a number in the Millions that is greater than (>) 178,462,490.

.....

.....

.....

3 The country has provided a vaccination against the Corona virus. In the first stage, 1,653,465 people were vaccinated and 3,312,447 were vaccinated in the second stage. What is the total number of people vaccinated in both stages?

.....

.....

4 List the following lengths in an ascending order:

8 m , 8,000 cm , 8 km , 8 mm

The ascending order is: ..... , ... , ... , ...

5 The population of Matrouh Governorate is 517,901 people, and the population of South Sinai Governorate is 112, 211, then what is the difference between the population of Matrouh Governorate and the population of South Sinai Governorate?

.....

.....

6 Samir and Mohamed participated in a project. Samir paid 342,650 pounds. If the cost of the project is 668,500 pounds, how much is Mohamed paying?

.....

.....

7 List the following numerals in a descending order:

900 Thousands , 9 Millions , 5 Millions and 7 hundred thousands , 550,223

The descending order is: ..... , ... , ... , ...

8 Hosam has 1,200 minutes in the charge of his calls to the mobile phone, if Hosam consumes 700 minutes of it, how many minutes are left?

.....

.....

9 How many times is the value of the digit in the Hundred-thousands place compared to its value in the Hundreds place?

.....

.....

10 A candy box contains 15 pieces. The number of candy pieces in 10 similar boxes is 1,200 pieces. Do you agree or disagree? Show your answer using a suitable strategy.

11 An ant works from 8:06 am to 11:23 am, how long does the ant work?

12 Basma bought a two-liters bottle of milk. She drank 1,200 milliliters from the bottle. How many milliliters of milk are left?

13 A furniture factory produced 5,437 salon rooms in the first year. If the factory production decreased in the second year by 675 salon rooms, how many salon rooms did the factory produce in the second year?

14 A road of 675 km length. If a train traveled a distance of 239 km from this road. What is the remaining distance of the road?

15 Aya bought potatos with a mass of 3 kg and 920 grams, and she bought onions which has a mass of 1,075 grams less than the potatos. What is the mass of onions in grams?

16 The fuel tank in the car was filled with 35 liters of gasoline, and at the end of the day 15 liters of fuel remained in the tank. How much fuel did the car consume for that day in liters?

17 There are 20,000 ants in the colony. If 1,500 ants went out to find food, how many ants did not leave the colony?

18 Hana read 6 pages in a week, and Sahar read three times as much as Hana in the same week. Write the equation that expresses the number of pages that Sahar has read.

19 Tank (A) holds 678,500 liters of water, and another tank (B) holds 905,867 liters of water. How many liters of water does tank (A) decreased from tank (B)?

20 In the number, 4,772 explain how the value of the digit 7 changed when it moved from the Tens place to the Hundreds place?

21 A bridge of ants consists of 142 ants, and another bridge consists of 165 ants. How many ants are there in the two bridges together?

First: Choose the correct answer:

1 b	2 c	3 a
4 a	5 b	6 c
7 c	8 c	9 a
10 b	11 b	12 a
13 b	14 d	15 b
16 b	17 c	18 d
19 c	20 a	21 b
22 c	23 c	24 b
25 c	26 c	27 d
28 d	29 c	30 b
31 b	32 a	33 c
34 d	35 b	36 c
37 d	38 b	39 a
40 b	41 b	42 c
43 d	44 c	45 c

Second: Complete:

1 400,000	2 260
3 60,000,000	4 178,223
5 3,214,936	6 35,086
7 123,573	8 One million.
9 10,901	10 Hundreds.
11 5,000	12 5,320

13 (1 X 7) + (100 X 2) + (1,000 X 1) + (100,000 X 6).

14 3,310	15 102
16 175	17 5,000
18 220	19 1,000
20 7,401	21 65
22 845	23 500
24 900	25 35
26 2,7,055	27 5,580
28 5,700	29 10,000
30 250	31 284
32 Million	33 70,126,450

34 200 35 409

36 34,097,000 37 543,000

38 164,000,000 39 Zero.

40 3,625,269 41 9

42 180 43 4

44 40

Third: Put (✓) for the right answer and (✗) for the wrong answer:

1 (✓) 2 (✗) 3 (✗)

4 (✓) 5 (✗) 6 (✓)

7 (✗) 8 (✓) 9 (✓)

10 (✗) 11 (✓) 12 (✗)

13 (✓) 14 (✓) 15 (✓)

16 (✗) 17 (✗) 18 (✓)

19 (✗) 20 (✓) 21 (✗)

22 (✗) 23 (✗) 24 (✓)

25 (✗) 26 (✗) 27 (✗)

28 (✓) 29 (✓)

Fourth: Match:

1 0 2 1

3 4,200,000 4 4,200

5 35 6 300

7 5,000 8 15,000

Match each paragraph of (a) with its appropriate answer in (b):

1 70,000,000 2 700,000

3 28 4 70

5 70,000

---

1 173,904,562 2 37,098

3 800 hundreds.

4 908,000 5 522,000

---

1 605,212 2 6,370

3 650,021,000 4 120

---

1 7,500 2 490

3 Hundred thousands.

4 100,000 5 Hundred.

1 500,000 2 95,432

3 4,000 4 Thousand.

1 25,000 2 1,500

3 6,454 4 75

Fifth: Essay questions:

1 Hundred-thousands.

2 179,462,490
(There are other answers).

3 The total number of people vaccinated in both stages is:
1,653,465 + 3,312,447
= 4,965,912 people.

4 The ascending order : 8 mm , 8 m , 8,000 cm , 8 km.

5 The difference between the population of Matrouh Governorate and the population of South Sinai Governorate is:
517,901 = 112,211 – 405,690 people.

6 Mohamed is paying = 668,500 – 342,650 = 325,850 pounds.

7 The descending order:
9 millions, 5 million and 7 hundred thousands, 900 thousand, 550,233

8 Number of the remaining minutes = 1,200 – 700 = 500

9 1,000 times.

10 I don't agree because:
Number of candy pieces in 10 boxes= 10x15=150

11 The ant works: 11:23 – 8:06 = 3:17

12 The remaining = 2,000 – 1,200 = 800 milliliters.

13 Production of the factory in the second year = 5,437 – 675 = 4,762

14 The remaining distance = 675 – 239 = 436 km.

15 Mass of potatoes = 3,000 + 920 = 3,920 gm.
Mass of onions = 3,920 – 1,075 = 2,845 gm.

16 The consumed fuel = 35 – 15 = 20 liters.

17 Number of the ant did not leave the colony = 20,000 - 1,500 =

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18,500

18 Number of pages that Hanaa read =n.
Number of pages that Sahar read=3n.

19 The difference =
905,867 - 678,500 =
227,367 liters.

20 The digit 7 moved from tens place to hundreds place, So its value changed from 70 to, 700, That means; 70 x 10 = 700, The value of a digit in hundreds place is 10 times its value in tens place.

21 Number of ants in the two bridges = 142 + 165 = 307

October Questions Bank

Question 01 choose the correct answer

1. The number that is 100 times the number 460 is .....
   (a) 460,000 (b) 46,000 (c) 4,600 (d) 460
2. 4 L + 4,000 ml = ... ml
   (a) 8 (b) 8,000 (c) 4,400 (d) 4,000
3. 91,024 + 32,549 = ...
   (a) 123,563 (b) 321,547 (c) 123,573 (d) 123,654
4. 15 L , 60 ml = ...ml
   (a) 75 (b) 15,000 (c) 15,060 (d) 1,560
5. 64 + 83 + 76 = (..... + 76) + ...
   (a) 64 , 83 (b) 76 , 67 (c) 174 (d) 0 , 90
6. 10 kg = ...g
   (a) 10,000 (b) 100,000 (c) 1,000 (d) 1
7. m - 6300 = 986 , then m = ...
   (a) 7,286 (b) 5,314 (c) 65,412 (d) 12,014
8. 8 m , 14 dm = ...dm
   (a) 814 (b) 13 (c) 94 (d) 49
9. 452,130 + s = 965,000 , then s = ...
   (a) 5,462,174 (b) 512,870 (c) 1,417,130 (d) 45,120
10. The place value of the digit 8 in the number 3,846,321,000 is .....
    (a) millions (b) hundred millions (c) ten millions (d) 800,000,000
11. 456 cm = ...m , ...cm
    (a) 4 m , 56 cm (b) 45 m , 6 cm (c) 400 m , 56 cm (d) 4 m , 456 cm
12. 8 weeks , 6 days = ... Days
    (a) 56 (b) 62 (c) 14 (d) 154

13 The number 6 Milliards, 450 millions, 321 in standard form is .....

a 6,450,000,321 b 6,450,321 c 6,450,321,000 d 450,000,000

14 6500 g = ...kg , ...g

a 65 kg , 0 g b 6 kg , 500 g c 6 kg , 5 g d 80 kg

15 Which number could be rounded to 789,000 when rounded to nearest thousands ?

a 789,532 b 789,062 c 789,830 d 788,231

16 The suitable mass of a cat is .....

a 60 kg b 5,000 g c 5 g d 80 kg

17 3,000,000,020 in word form is .....

a three milliards, twenty b three billions, twenty thousands c 30,000,00000+20 d 300,000,000+2+0

18 8 L + 2,000 ml = ...L .

a 2,008 b 10,000 c 10 d 82

19 Milliard is the smallest .....digit number

a 1 b 10 c 9 d 1,000,000,000

20 The capacity of a bottle of water is 1 liter and 400 ml , then its capacity in milliliter is ..... ml .

a 1,400 b 1,040 c 1,000 d 14,000

21 3,425 + 4,768 = 193 + ...

a 8,000 b 80 c 800 d 8

22 8 hours = ... minutes

a 480 b 192 c 80 d 800

23 which is a compose to (6 x 100,000) + (4 x 1,000) + (2 x 10) + (7 x 1) ?

a 6,421 b 604,027 c 60,427 d 64,0021

24 65,400 - 8,912 = ...

a 56,800 b 56,412 c 56,488 d 63,512

25 6 : 30 am + 20 min = ...am

a 7 hours b 6 : 50 c 6 : 10 d 6

26 46 m , 6 cm = ...cm .

a 466 b 4606 c 4600 d 4660

27 850 Hundreds = ... Tens

a 80 b 85,000 c 8,500 d 80,000

28 5 : 12 - 25 min = ...

a 5 : 37 b 5 : 13 c 4 : 47 d

29 90,000 - d = 6,541 , then d = ...

a 83,459 b 96,541 c 541,200 d 90,000

30 In the number 5,164,062 the digit 6 in the ten thousands place equal to ..... times the digit 6 in the tens place .

a 1,000 b 100 c 10 d 10,000

31 8 : 18 pm + 2 : 52 pm = ...pm

a 10 : 70 b 11 : 10 c 6 : 45 d 11 hours

32 Which number could be rounded to 62,000,000 when rounded to nearest 1,000,000 ?

a 6,061,470,000 b 62,703,147 c 61,901,478 d 6,220,000,000

33 3 days and 6 hours = ... hours

a 78 b 9 c 72 d 70

34 960 + 0 = 960 is ..... property

a commutative b associative c identity d all of them

35 5 L, 400 ml + 4 L, 200 ml = ...

a 1 L, 200 ml b 9 L, 600 ml c 9,000 d 9,060

36 10 + 5 + 30 = 40 + ...

a 5 b 10 c 15 d 20

37 99,999,999 to the nearest ten is .....

a 99,999,910 b 99,999,100 c 100,000,000 d million

38 8,523,412 = 8,520,000 is rounded to the nearest .....

a million b thousands c Ten thousands d hundreds

39 53,601,300 = 50,000,000 + 3,000,000 + 600,000 + ... + 300

a 1,000 b 1,300 c 50,000,000 d 1

40 123,000,000 + 23,000 + 1 = ...

a 123,230,000 b 123,231,000 c 123,000,231 d 123,023,001

41 The smallest number formed from 1,3,0,6,4 and 8 is .....
(a) 103,468 (b) 13,468 (c) 864,301 (d) 0

42 The value of 0 in 3,065,458,654 is .....
(a) 0 (b) 100,000,000 (c) Ten million (d) Hundred million

43 The place value of 0 in 3,065,458,654 is .....
(a) 0 (b) 100,000,000 (c) Ten million (d) Hundred million

44 ..... is the additive identity .
0 (b) 1 (c) 2 (d) 3

45 ..... is the identity element .
(a) 0 (b) 1 (c) 2 (d) 3

46 Milliard has .....zeros
(a) 0 (b) 10 (c) 9 (d) 1,000,000,000

47 3 milliard , 3 million , 3 thousand , 3 = ...
(a) 3,333 (b) 300,300,300,003 (c) 3,003,003,003 (d) 3,300,300,003

48 2 x 10,000 + 3 x 1,000 + 3 x1 = ...
(a) 233 (b) 213,133 (c) 20,300,003 (d) 23,003

Question 02 Complete

1 16 days = ... Weeks , ... days
2 (3 x 100,000) + (4 x 10,000) + (8 x 100) + (6 x 1) in standard form is .....
3 3 weeks , 5 days = ...days
4 49,745,554 = ... (Rounded to the nearest millions)
5 A water jug holds 5 Liters . Then it hold in milliliters .....ml .
6 5,478,000,310 in expanded form is .....
7 23 L , 321 ml + 2 L , 60 ml = ...ml
8 The smallest 7-digit number is .....
9 .....L = 5,470,000 mL
10 685,140 - 57,184 = ...

11. 8 kg , 9 g = ...g
12. According to the following bar model , H = ...

7629	
H	5300

13. The main unit of capacity is .....
14. 854 + 45 = 45 + 854 is using ..... property
15. 548 cm = ...m + ...cm
16. 90,000 - 520 = ...
17. 3 km = ...m
18. x - 5,472 = 8,400 , then x = ...
19. 9,845,122 - ..... = 100,000
20. 18 + 8 + 2 = 18 + ... = ...
21. The additive identity is .....
22. 5 m , 15 dm = ...dm
23. 789,542 - m = 36,500 , the value of m is .....
24. .....m = 4700 cm
25. A = ...

A	
6498	3100

26. The main unit of mass is .....
27. 100 + 74 + 56 = 100 + (74 + 56) is using ..... property
28. Hour is a unit of .....
29. 74,504,687 + 547,821 = ...
30. 12,142 g = ...kg + ...g
31. The largest number formed from 5 , 0 , 8 , 6 , 9 is .....
32. 5 L , 456 ml = ...ml
33. Round to the nearest ten thousands 57,363,200 = ...
34. 7 L – 4,000 ml = ...ml
35. The place value of the digit 5 in the number 4,456,987,144 is .....
36. $2\frac{1}{2}$ days = ...H
37. 80 tens = ...
38. 4 : 48 am + 34 min = ...am .
39. ..... Is 10 times one hundred million
40. 50,000 thousands = ... Millions

41. 80 minutes = ... hours , ...minutes
42. the word form of 7,000,850,004 is .....
43. 3 : 07 pm - 40 min = ...pm.
44. The greatest 6 digit number is .....
45. 30,441,085 = 30,400,000 (Rounded to the nearest.....
46. The value of the digit 0 in the number 684,063,598 is .....
47. 85 + 457 + 95 = 85 + 95 + 457 is using ..... property
48. 12 + 8 + 4 = (12 + ...) + 4 is using .....property
49. 5 H , 40 min = ...min
50. Solve the opposite bar model .....

51. 852,000,421 in word form is .....
52. 23 milliard , 132 thousands = ... (standard form)
53. The sum of the additive identity and 302 is .....
54. 50,000,000 + 5,000 + 5 = ...

Question 03 — Compare using (< or > or =)

1	10,000,000	.....	9,558,222
2	6 min , 4 sec	.....	4 min , 6 sec
3	five hundred seventy thousands, ninety eight	.....	500,000 + 70,000 + 90 + 8
4	6,000,000,000 + 200	.....	six milliard , two hundred thousands
5	four hundred fifty two millions, six hundred ninety five	.....	4,520,003,695
6	6,000,000,000 + 4,000 + 2	.....	6,000,000 + 80,000 + 100
7	milliard	.....	1,000,000,000
8	6,000	.....	600 tens
9	six hundred fifty thousands	.....	6,500 hundreds
10	4,000 thousands	.....	4 millions
11	965 + 9,999	.....	865 + 78,952
12	25,649 + 40,515	.....	54,186 + 1,983

13	290 + 530	.....	732 + 88
14	71,147 + 7,765	.....	78,912
15	10,000 + 8,000 + 200 + 80 + 7	.....	18,654 - 367
16	2	.....	1,000,000 - 99,999
17	6,000 g	.....	60 kg
18	1 dm	.....	10 cm
19	7 m	.....	7,000 ml
20	2 decimeters	.....	1 meter
21	6 kg , 89 g	.....	689 g
22	84 L , 84 ml	.....	48 L , 48 ml
23	23,023 ml	.....	23 L , 23 ml
24	72 hours	.....	3 days

Question 04 Answer the following

1. A plane's altitude increased by 49,732 cm . Round to the nearest thousand.

.....

2. MR.Mahmoud Elkholy ran 1,431 m yesterday , then he ran 542 m today . Find the total distance and then round it to the nearest thousands .

.....

3. Walaa bought 8 kg of banana and Salma ate some of them , the remaining amount was 6,000 g . How many grams did Salma eat ?

.....

4. An ant works from 6 : 50 am to 10 : 58 am . How long does the ant work ?

.....

5. The game started at 6 : 46 pm . And lasted for 54 min . What time the game finished ?

.....

6. A bridge of ants consists of 692 ants , and another bridge consists of 482 ants . How many ants are there in two bridges together ?

.....

7. Hagar has 500 min in the charge of her phone . If she consumes 380 min of it . How many hours are left ?

.....

8. Aliaa bought a two litters bottle of milk . She drank 1200 ml from it . How many millilitres of milk are left ?

.....

9. There are 30,000 ants in the colony . If 12,560 ants went out . How many ants in the colony ?

.....

10. Arrange ascendingly
5,320,142,235 , 6,000,000,000 , 5,320,745,000 , 9,455,899

.....

11. In the equation : 6,000 – k = 3,265 , find the value of k .

.....

12. a) 5,632,416 + 635,654 = ...

b) 5,632,416 - 635,654 = ...

13. By using properties of addition solve :
25 + 364 + 45 + 46

.....

14. A train covered 3 km in a minute , How many meters did the train cover in 20 minutes ?

.....

15. Mohsen grow 12 centimeters in 1 year . He is now 1 meter , 2 centimeters tall . How many centimeters tall was he 1 year ago ?

.....

16. Yousef bought 20 candies . His friend Ahmed ate 12 of them . Represent these data using bar model to show how many candies are left ? write the equation .

.....

تم بحمد الله

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

Answers

October Questions Bank

Question 01 choose the correct answer

1. The number that is 100 times the number 460 is .....
   (a) 460,000 (b) 46,000 (c) 4,600 (d) 460
2. 4 L + 4,000 ml = ... ml
   (a) 8 (b) 8,000 (c) 4,400 (d) 4,000
3. 91,024 + 32,549 = ...
   (a) 123,563 (b) 321,547 (c) 123,573 (d) 123,654
4. 15 L , 60 ml = ...ml
   (a) 75 (b) 15,000 (c) 15,060 (d) 1,560
5. 64 + 83 + 76 = (..... + 76) + ...
   (a) 64 , 83 (b) 76 , 67 (c) 174 (d) 0 , 90
6. 10 kg = ...g
   (a) 10,000 (b) 100,000 (c) 1,000 (d) 1
7. m - 6300 = 986 , then m = ...
   (a) 7,286 (b) 5,314 (c) 65,412 (d) 12,014
8. 8 m , 14 dm = ...dm
   (a) 814 (b) 13 (c) 94 (d) 49
9. 452,130 + s = 965,000 , then s = ...
   (a) 5,462,174 (b) 512,870 (c) 1,417,130 (d) 45,120
10. The place value of the digit 8 in the number 3,846,321,000 is .....
    (a) millions (b) hundred millions (c) ten millions (d) 800,000,000
11. 456 cm = ...m , ...cm
    (a) 4 m , 56 cm (b) 45 m , 6 cm (c) 400 m , 56 cm (d) 4 m , 456 cm
12. 8 weeks , 6 days = ... Days
    (a) 56 (b) 62 (c) 14 (d) 154

13 The number 6 Milliards, 450 millions, 321 in standard form is .....

a 6,450,000,321 b 6,450,321 c 6,450,321,000 d 450,000,000

14 6500 g = ...kg , ...g

a 65 kg , 0 g b 6 kg , 500 g c 6 kg , 5 g d 80 kg

15 Which number could be rounded to 789,000 when rounded to nearest thousands ?

a 789,532 b 789,062 c 789,830 d 788,231

16 The suitable mass of a cat is .....

a 60 kg b 5,000 g c 5 g d 80 kg

17 3,000,000,020 in word form is .....

a three milliards, twenty b three billions, twenty thousands c 30,000,00000+20 d 300,000,000+2+0

18 8 L + 2,000 ml = ...L .

a 2,008 b 10,000 c 10 d 82

19 Milliard is the smallest .....digit number

a 1 b 10 c 9 d 1,000,000,000

20 The capacity of a bottle of water is 1 liter and 400 ml , then its capacity in milliliter is ..... ml .

a 1,400 b 1,040 c 1,000 d 14,000

21 3,425 + 4,768 = 193 + ...

a 8,000 b 80 c 800 d 8

22 8 hours = ... minutes

a 480 b 192 c 80 d 800

23 which is a compose to (6 x 100,000) + (4 x 1,000) + (2 x 10) + (7 x 1) ?

a 6,421 b 604,027 c 60,427 d 64,0021

24 65,400 - 8,912 = ...

a 56,800 b 56,412 c 56,488 d 63,512

25 6 : 30 am + 20 min = ...am

a 7 hours b 6 : 50 c 6 : 10 d 6

26 46 m , 6 cm = ...cm .

a 466 b 4606 c 4600 d 4660

27 850 Hundreds = ... Tens

a 80 b 85,000 c 8,500 d 80,000

28 5 : 12 - 25 min = ...

a 5 : 37 b 5 : 13 c 4 : 47 d

29 90,000 - d = 6,541 , then d = ...

a 83,459 b 96,541 c 541,200 d 90,000

30 In the number 5,164,062 the digit 6 in the ten thousands place equal to ..... times the digit 6 in the tens place .

a 1,000 b 100 c 10 d 10,000

31 8 : 18 pm + 2 : 52 pm = ...pm

a 10 : 70 b 11 : 10 c 6 : 45 d 11 hours

32 Which number could be rounded to 62,000,000 when rounded to nearest 1,000,000 ?

a 6,061,470,000 b 62,703,147 c 61,901,478 d 6,220,000,000

33 3 days and 6 hours = ... hours

a 78 b 9 c 72 d 70

34 960 + 0 = 960 is ..... property

a commutative b associative c identity d all of them

35 5 L, 400 ml + 4 L, 200 ml = ...

a 1 L, 200 ml b 9 L, 600 ml c 9,000 d 9,060

36 10 + 5 + 30 = 40 + ...

a 5 b 10 c 15 d 20

37 99,999,999 to the nearest ten is .....

a 99,999,910 b 99,999,100 c 100,000,000 d million

38 8,523,412 = 8,520,000 is rounded to the nearest .....

a million b thousands c Ten thousands d hundreds

39 53,601,300 = 50,000,000 + 3,000,000 + 600,000 + ... + 300

a 1,000 b 1,300 c 50,000,000 d 1

40 123,000,000 + 23,000 + 1 = ...

a 123,230,000 b 123,231,000 c 123,000,231 d 123,023,001

41 The smallest number formed from 1,3,0,6,4 and 8 is .....
(a) 103,468 (b) 13,468 (c) 864,301 (d) 0

42 The value of 0 in 3,065,458,654 is .....
(a) 0 (b) 100,000,000 (c) Ten million (d) Hundred million

43 The place value of 0 in 3,065,458,654 is .....
(a) 0 (b) 100,000,000 (c) Ten million (d) Hundred million

44 ..... is the additive identity .
0 (b) 1 (c) 2 (d) 3

45 ..... is the identity element .
(a) 0 (b) 1 (c) 2 (d) 3

46 Milliard has .....zeros
(a) 0 (b) 10 (c) 9 (d) 1,000,000,000

47 3 milliard , 3 million , 3 thousand , 3 = ...
(a) 3,333 (b) 300,300,300,003 (c) 3,003,003,003 (d) 3,300,300,003

48 2 x 10,000 + 3 x 1,000 + 3 x1 = ...
(a) 233 (b) 213,133 (c) 20,300,003 (d) 23,003

Question 02 Complete

1 16 days = ...2..... Weeks , ...2..... days
2 (3 x 100,000) + (4 x 10,000) + (8 x 100) + (6 x 1) in standard form is .....340,806.....
3 3 weeks , 5 days = ...26.....days
4 49,745,554 = ...50,000,000..... (Rounded to the nearest millions)
5 A water jug holds 5 liters . Then it hold in milliliters .....5,000.....ml .
6 5,478,000,310 in expanded form is ..... 5,000,000,000 + 400,000,000 + 70,000,000 + 8,000,000 + 300 + 10.....
7 23 L , 321 ml + 2 L , 60 ml = ...25,381.....ml
8 The smallest 7-digit number is .....1,000,000.....
9 .....5,470.....L = 5,470,000 mL
10 685,140 - 57,184 = ...627,956.....

11. 8 kg , 9 g = ...8,009.....g
12. According to the following bar model , H = ...2,329.....

7629	
H	5300

13. The main unit of capacity is .....liter.....
14. 854 + 45 = 45 + 854 is using .....commutative..... property
15. 548 cm = ...5.....m + ...48.....cm
16. 90,000 - 520 = ...89,480.....
17. 3 km = ...3,000.....m
18. x - 5,472 = 8,400 , then x = ...13,872.....
19. 9,845,122 - .....9,745,122..... = 100,000
20. 18 + 8 + 2 = 18 + ...10..... = ...28.....
21. The additive identity is .....0.....
22. 5 m , 15 dm = ...65.....dm
23. 789,542 - m = 36,500 , the value of m is ...753,042.....
24. ...47.....m = 4700 cm
25. A = ...9,598.....

A	
6498	3100

26. The main unit of mass is .....gram .....
27. 100 + 74 + 56 = 100 + (74 + 56) is using .....associative..... property
28. Hour is a unit of .....Time.....
29. 74,504,687 + 547,821 = ...75,052,508.....
30. 12,142 g = ...12.....kg + ...142.....g
31. The largest number formed from 5 , 0 , 8 , 6 , 9 is .....98,650.....
32. 5 L , 456 ml = ...5,456....ml
33. Round to the nearest ten thousands 57,363,200 = ...57,360,000.....
34. 7 L – 4,000 ml = ...3,000.....ml
35. The place value of the digit 5 in the number 4,456,987,144 is .....ten millions.....
36. $2\frac{1}{2}$ days = ...60.....H
37. 80 tens = ...800.....
38. 4 : 48 am + 34 min = ...05:22 .....am .
39. .....1,000,000,000..... Is 10 times one hundred million
40. 50,000 thousands = ...50..... Millions

41. 80 minutes = ...1..... hours , ...20.....minutes
42. the word form of 7,000,850,004 is .....seven milliard , eight hundred fifty thousands , four.....
43. 3 : 07 pm - 40 min = ...02:27 .....pm.
44. The greatest 6 digit number is .....999,999.....
45. 30,441,085 = 30,400,000 (Rounded to the nearest.....hundred thousands.....)
46. The value of the digit 0 in the number 684,063,598 is .....0.....
47. 85 + 457 + 95 = 85 + 95 + 457 is using .....commutative ..... property
48. 12 + 8 + 4 = (12 + ...8.....) + 4 is using .....associative.....property
49. 5 H , 40 min = ...340.....min
50. Solve the opposite bar model .....3,003.....

.....m	
3 km	3m

51. 852,000,421 in word form is ....Eight hundred fifty two millions , four hundred twenty one.....
52. 23 milliard , 132 thousands = ...23,000,132,000..... (standard form)
53. The sum of the additive identity and 302 is .....302.....
54. 50,000,000 + 5,000 + 5 = ...50,005,005.....

Question 03 — Compare using (< or > or =)

1	10,000,000	>	9,558,222
2	6 min , 4 sec	>	4 min , 6 sec
3	five hundred seventy thousands, ninety eight	=	500,000 + 70,000 + 90 + 8
4	6,000,000,000 + 200	<	six milliard , two hundred thousands
5	four hundred fifty two millions, six hundred ninety five	<	4,520,003,695
6	6,000,000,000 + 4,000 + 2	>	6,000,000 + 80,000 + 100
7	milliard	=	1,000,000,000
8	6,000	=	600 tens
9	six hundred fifty thousands	=	6,500 hundreds
10	4,000 thousands	=	4 millions
11	965 + 9,999	<	865 + 78,952

12	25,649 + 40,515	<	54,186 + 1,983
13	290 + 530	=	732 + 88
14	71,147 + 7,765	=	78,912
15	10,000 + 8,000 + 200 + 80 + 7	=	18,654 - 367
16	2	>	1,000,000 - 99,999
17	6,000 g	<	60 kg
18	1 dm	=	10 cm
19	7 m	=	7,000 ml
20	2 decimeters	<	1 meter
21	6 kg , 89 g	>	689 g
22	84 L , 84 ml	>	48 L , 48 ml
23	23,023 ml	=	23 L , 23 ml
24	72 hours	=	3 days

Question 04 Answer the following

1. A plane's altitude increased by 49,732 cm . Round to the nearest thousand.

   49,732 to the nearest thousand is 50,000 cm

2. MR.Mahmoud Elkholy ran 1,431 m yesterday , then he ran 542 m today . Find the total distance and then round it to the nearest thousands .

   The total distance = 1,431 + 542 = 1,973 m ⟶ 1,973 = 2,000 m

3. Walaa bought 8 kg of banana and Salma ate some of them , the remaining amount was 6,000 g . How many grams did Salma eat ?

   Number of grams = 8 kg - 6,000 g = 8,000 g - 6,000 g = 2,000 g

4. An ant works from 6 : 50 am to 10 : 58 am . How long does the ant work ?

   time that ant work = 10 : 58 - 6 : 50 = 4 hours, 8 minutes

5. The game started at 6 : 46 pm . And lasted for 54 min . What time the game finished ?

   finishing time = 6 : 46 + 54 min = 6 : 100 = 7 : 40 pm

6. A bridge of ants consists of 692 ants , and another bridge consists of 482 ants . How many ants are there in two bridges together ?

   the total number = 692 + 482 = 1,174 ants

7. Hagar has 500 min in the charge of her phone . If she consumes 380 min of it . How many hours are left ?

500 - 380 = 120 min = 2 hours

8. Aliaa bought a two litters bottle of milk . She drank 1200 ml from it . How many millilitres of milk are left ?

2 L - 1,200 ml = 2,000 ml - 1,200 ml = 800 ml

9. There are 30,000 ants in the colony . If 12,560 ants went out . How many ants in the colony ?

30,000 - 12,560 = 17,440 ants

10. Arrange ascendingly

5,320,142,235 , 6,000,000,000 , 5,320,745,000 , 9,455,899

9,455,899 , 5,320,142,235 , 5,320,745,000 , 6,000,000,000

11. In the equation : 6,000 – k = 3,265 , find the value of k .

K = 6,000 – 3,265 = 2,735

12. a) 5,632,416 + 635,654 = ...6,268,070.....

b) 5,632,416 - 635,654 = ...4,996,762.....

13. By using properties of addition solve :

25 + 364 + 45 + 46

25 + 45 + 364 + 46 commutative property

(25 + 45) + (364 + 46) associative property

70 + 410 = 480

14. A train covered 3 km in a minute , How many meters did the train cover in 20 minutes ?

3x20=60 km = 60,000 m

15. Mohsen grow 12 centimeters in 1 year . He is now 1 meter , 2 centimeters tall . How many centimeters tall was he 1 year ago ?

1 m , 2 cm – 12 cm = 90 cm

16. Yousef bought 20 candies . His friend Ahmed ate 12 of them . Represent these data using bar model to show how many candies are left ? write the equation .

The equation : 20 = 12 + c

Solution : c = 8

تم بحمد الله

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

October 2023

Revision

(1) Choose the correct answer:

1) The value of the digit 5 in the number 8,135,712 is .....
   a. 50 b. 500 c. 5,000 d. 50,000

2) The value of the digit 2 in the ten millions place is .....
   a. 20,000 b. 200 c. 20,000,000 d. 200,000

3) The place value of the digit 8 in the number 3,846,321 is .....
   a. Millions b. Thousands
   c. Hundred thousands d. Ten thousands

4) The digit in ten thousands place in the number 6,387,512 is .....
   a. 3 b. 4 c. 7 d. 8

5) The milliard is the smallest number formed from ..... digits
   a. 6 b. 7 c. 10 d. 9

6) 3 tens = ...
   a. 90 b. 30 c. 300 d. 3,000

7) 250 hundreds = ...
   a. 100 b. 5,200 c. 25,000 d. 100,500

8) 10 times greater than the number 430 = ...
   a. 43,000 b. 4,300 c. 430,000 d. 4,000

9) 500 tens = ... Hundreds
   a. 5 b. 50 c. 50,000 d. 15

10) The expanded form of the number 7,215,603 is .....
   a. 3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000
   b. 3 + 60 + 500 + 1,000 + 20,000 + 700,000
   c. 3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000
   d. 3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000

11) What is the standard form of eighteen million, six hundred five thousand?
   a. 18,605,000 b. 81,605,000 c. 1,860,500 d. 18,650,000

12) The standard form of 5 million, 36 thousand and 206 is .....

a. 5,000,036,206 b. 5,036,206 c. 532,206 d. 5,360,206

13) 300,000 + 40,000 + 5,000 + 500 + 30 + 2 = ...

a. 235,543 b. 3,450,532 c. 345,532 d. 34,032

14) (3 × 1,000,000) + (5 × 100,000) + (8 × 100) = ...

a. 35,800 b. 3,500,800 c. 3,005,008 d. 3,580

15) 62,234 62,324

a. > b. < c. = d. ≤

16) 30,000 + 4,000 + 20 + 1 6,514

a. > b. < c. = d. ≤

17) 70 tens ..... 70 hundreds

a. > b. < c. = d. ≤

18) Which digit can be placed in the square to make the mathematical expression correct?

6,201,351 > 6,20 □ ,351

a. 0 b. 1 c. 2 d. 3

19) Rounding the number 34,089 to the nearest ten thousand is .....

a. 34,000 b. 34,090 c. 30,000 d. 35,000

20) Which answer represents rounding 32,582,346 to the nearest million?

a. 30,000,000 b. 32,600,000

c. 32,000,000 d. 33,000,000

21) The number 8,239 ≈ 8,000 is rounded to the nearest .....

a. Tens b. Hundreds c. Thousands d. Millions

22) The additive identity element is .....

a. 3 b. 2 c. 0 d. 1

23) 25 + 75 = 75 + 25 , is ..... property

a. Additive identity b. commutative

c. Associative d. Otherwise

24) 13 + 0 = 13 , is ..... property

a. Additive identity
b. Commutative
c. Associative
d. None of the above

25) Which of the following represents the commutative property in addition?

a. 8 + 0 = 8
b. 7 + 8 = 8 + 7
c. 3 + 18 = 3 + 11 + 7
d. 5 + 8 = 3 + 10

26) 253 + [226 + 142] = [253 + ...] + 142

a. 253
b. 226
c. 142
d. 368

27) 125,217 + 2,345 ..... 125,217 – 2,345

a. >
b. <
c. =
d. otherwise

28) In the equation: b – 4,358 = 3,422 , the value of b = ...

a. 7,780
b. 6,653
c. 5,662
d. 5,556

29) The value of x in the equation: 725,625 + x = 935,075 is .....

a. 292,450
b. 290,450
c. 209,540
d. 209,450

30) In the opposite bar model x = ...

x	
425	231

a. 666
b. 566
c. 665
d. 656

31) In the bar model, the value of m is .....

256	
m	180

a. 124
b. 156
c. 76
d. 436

32) 4 km = ... m

a. 40
b. 400
c. 4,000
d. 4

33) 5 m = ... cm

a. 5
b. 50
c. 500
d. 5,000

34) 423 cm = ...

a. 23 m, 4 cm
b. 42 m, 3 cm
c. 4 m, 23 cm
d. 3 m, 42 cm

35) 6 m, 50 cm = ... cm

a. 605
b. 650
c. 560
d. 6,500

36) 3 kg = ... gm

a. 3 b. 30 c. 300 d. 3,000

37) 5,000 grams = ... kilograms

a. 50 b. 500 c. 5 d. 1,000

38) 5 kg and 861 gm = ... gm

a. 5,861 b. 58,160 c. 5,000,861 d. 5,861,000

39) 6,325 g = ...

a. 6,000 kg, 352 g b. 63 kg, 25 g

c. 60 kg, 325 g d. 6 kg, 325 g

40) If 8,000 g = 5 kg + a , then a = ...

a. 3 g b. 3,000 g c. 7,500 g d. 6 kg

41) 3 liters = ... milliliters

a. 3 b. 30 c. 300 d. 3,000

42) 13 L, 30 ml = ... ml

a. 1,330 b. 13,030 c. 43 d. 3,013

43) The capacity of juice can is 1 liter and 500 ml, then its capacity in milliliters = ... ml

a. 150 b. 1,500 c. 15,000 d. 1,005

44) 7 liters, 150 milliliters – 780 milliliters = ... milliliters

a. 5,370 b. 6,000 c. 370 d. 6,370

45) 2 hours = ... minutes

a. 24 b. 60 c. 120 d. 360

46) 5 weeks, 5 days = ... days

a. 10 b. 25 c. 40 d. 50

47) 1 day and 5 hours = ... hours

a. 29 b. 65 c. 15 d. 35

48) 8:25 – 45 minutes = ...

a. 8 b. 8:20 c. 7:40 d. 8:70

49) 3:12 + 2:27 = ...

a. 5:00 b. 5:39 c. 6:00 d. 6:30

50) 80 m ..... 800 cm

a. > b. < c. = d. Otherwise

(2) Complete:

1) The place value of the digit 3 in the number 1,365,854 is .....
2) The value of the digit 5 in the number 346,251,813 is .....
3) The value of the digit 0 in the number 10,281,453 is .....
4) 32,000 = ... Thousands
5) 80 tens = ...
6) 17 hundreds = ... tens
7) Four hundred and nine in standard form is .....
8) 34 million, 97 thousand in standard form is .....
9) 3,000,000 + 8,000 + 400 + 30 + 3 = ...
10) 56,214 = 4 + 10 + ... + 6,000 + 50,000
11) 7,412,563 = ... millions, ... thousands, ...
12) The number 543,186 to the nearest thousand is .....
13) 4,369 ≈ ..... [to the nearest 100]
14) One million is the smallest number formed from ..... digits
15) The greatest number formed from the digits 2, 0, 5, 3 is .....
16) The smallest number formed using the digits 0, 8, 3, 9, 5, 6, 1 is .....
17) 5 + 9 = 9 + ...
18) [61 + 23] + 24 = ... + [23 + 24]

19) The additive identity element is .....

20) 854 + 0 = ...

21) 91,024 + 32,549 = ...

22) 16,473 + 39,124 = ...

23) 613 – 247 = ...

24) 8,617 – 1,769 = ...

25) In the opposite bar model,
the value of the unknown C = ...

C	
3,425	5,274

26) In the opposite bar model, B = ...

235	
200	B

27) In the equation 125 + A = 300 , then A = ...

28) The value of the variable in the equation k – 1,235 = 2,000 is .....

29) If 3,000 – B = 2,000 , then the value of B = ...

30) 5 km = ... m

31) 6 dm = ... cm

32) 650 mm = ... cm

33) 9,250 meters = ... km + ... m

34) 8 meters, 45 cm = ... cm

35) 8,000 grams = ... kilograms

36) 3kg and 258 g = ... g

37) 9,000 ml = ... liters

38) 32 L, 77 ml = ... ml

39) A week and two days = ... days

40) 4 minutes and 20 seconds = ... seconds

(3) Answer the following:

1) List the following numbers in descending order:

900 thousands , 9 millions , 5 millions and 7 hundred thousands , 500,223

.....

.....

2) List the following in an ascending order:

8,092,561 , 9,208,111 , 7,534,786 , 8,650,336

.....

.....

3) Write the verbal form of the number: 7,215,603

.....

.....

4) Ali bought a laptop for 7,250 L.E and a mobile for 4,000 L.E. How much total money did he pay?

.....

.....

5) A road of 675 km length, if a train traveled a distance of 239 km from this road, what is the remaining distance of the road?

.....

.....

6) List the following lengths in an ascending order:

8 m , 8,000 cm , 8 km , 8 mm

.....

.....

7) Hossam sleeps 8 hours each day, How many minutes does hossam sleep each day?

.....

.....

October 2023

Answer guide

1) Choose:

1)	c	11)	a	21)	c	31)	c	41)	d
2)	c	12)	b	22)	c	32)	c	42)	b
3)	c	13)	c	23)	b	33)	c	43)	b
4)	d	14)	b	24)	a	34)	c	44)	d
5)	c	15)	b	25)	b	35)	b	45)	c
6)	b	16)	a	26)	b	36)	d	46)	c
7)	c	17)	b	27)	a	37)	c	47)	a
8)	b	18)	a	28)	a	38)	a	48)	c
9)	b	19)	c	29)	d	39)	d	49)	b
10)	c	20)	d	30)	d	40)	b	50)	a

2) Complete:

1)	Hundred thousand	11)	7 , 412 , 563	21)	123,573	31)	60
2)	50,000	12)	543,000	22)	55,597	32)	65
3)	0	13)	4,400	23)	366	33)	9 km + 250 m
4)	32	14)	7	24)	6,848	34)	845
5)	800	15)	5,320	25)	8,699	35)	8
6)	170	16)	1,035,689	26)	35	36)	3,258
7)	409	17)	5	27)	175	37)	9
8)	34,097,000	18)	61	28)	3,235	38)	32,077
9)	3,008,433	19)	0	29)	1,000	39)	9
10)	200	20)	854	30)	5,000	40)	260

3) Essay:

1) 9 millions , 5 millions and 7 hundred thousands , 900 thousands , 500,223
2) 7,534,786 , 8,092,561 , 8,650,336 , 9,208,111
3) Seven million, two hundred fifteen thousand, six hundred three
4) Ali paid = 7,250 + 4,000 = 11,250 L.E
5) The remaining distance = 675 – 239 = 436 km
6) 8 mm , 8 m , 8,000 cm , 8 km
7) Number of minutes = 8 × 60 = 480 minutes

Q1: Choose the correct answer:

1) Four million, nine hundred fifty thousand, eight hundred fifty-four = ...

a. 43,509,458 b. 403,590,548 c. 4,103,905,484 d. 4,950,854

2) The place value of digit 7 in the number 5,726,318 is .....

a. millions b. thousands c.hundred thousands d. tens

3) The value of digit 7 in number 7,125,801 is .....

a. 7 b. 70 c. 7,000 d. 7,000,000

4) The value of digit 6 in number 2,476,217 is .....

a. 60 b. 600 c. 6,000 d. 600,000

5) 100,000 is ..... times 1,000

a. 10 b. 100 c. 1,000 d. 10,000

6) 850 hundreds = ... tens

a. 85 b. 8,500 c. 85,000 d. 850,000

7) The number building of the number: 75,021 is called ..... form.

a. decomposed b. standard c. expanded d. word

8) The standard form for the number three hundred seventy is .....

a. 390 b. 380 c. 370 d. 360

9) 300,000 + 40,000 + 5,000 + 500 + 30 + 2 = ...

a. 235,543 b. 3,450,532 c. 345,532 d. 34,032

10) Which is a compose to [7 x 10,000] + [2 x 10]+ [4 x 1]?

a. 724 b. 70,240 c. 7,024 d. 70,024

11) 100,000,040 ..... one hundred million.

a. > b. < c. = d. otherwise

12) Which of the following numbers is less than "40 million,900 thousand,508" ?

a. 49,000,508 b. 40,900,508 c. 40,009,580 d. 40,900,580

13) Which of the following digits makes the sentence true ? 785 > 7□5 > 755?

a. 2 b. 4 c. 6 d. 8

14) Rounding the number 34,089 to the nearest Ten Thousand is .....

a. 34,000 b. 34,090 c. 30,000 d. 35,000

15) Milliard is the smallest ..... -digit number

a. 7 b. 9 c. 10 d. 12

16) Million is the smallest ..... -digit number.

a. 7 b. 9 c. 10 d. 6

17) 100,000 is ..... times the number 10,000

a. 10 b. 100 c. 1,000 d. 10,000

18) The place value of the digit 0 in the number 2,078,921 is .....

a. hundreds b. thousands c.hundred thousands d. 0

19)The number 42,365,978 has ..... digits.

a. 7 b. 9 c. 10 d. 8

20) 2,800 thousands > .....

a. 2,800 hundreds b. 28 million

c. 28,000 hundreds d. 2 milliards

21) Which number sentence is true ?

a. 74,562 < 9,000 + 800 + 50 + 6 b. 300,000 + 40 < 700,000 + 20

c. million <792,561 d. 482 > 7 thousands, 914

22) 70,000,000 + 8,000 + 50 + 1 ..... Seven million, twenty.

a. > b. < c. = d. otherwise

23) 35,000 hundred = ... thousands.

a. 3,500 b. 350 c. 35,000 d. 35

24) ..... =5 milliard,5 million,5 thousand, 5.

a. 5,050,050,005 b. 5,555 c. 5,005,500,005 d. 5,005,005,005

25) The digit is in the ten thousands place in the number 346,870,251?

a. 4 b. 7 c. 0 d. 5

Q2: Complete the following:

1) The value of the digit 0 in the number 7,056,219 is .....
2) The number of hundreds in one million is .....
3) The smallest number formed from 7-digit is .....
4) The smallest number formed from different 7-digit is .....
5) The greatest number formed from 7-digit is .....
6) The greatest number formed from different 7-digit is .....
7) The smallest number formed form similar 7-digit number is .....
8) 28,000 thousands = ... millions.
9) 3,451,951,028 = ... milliards, ... millions, ... thousands, ...
10) 34 millions, 905 thousands, 421 in standard form is .....
11) 53,000 hundreds = ...
12) ..... is 100 times thirty thousands.
13) 99,999,862 ≈ ..... [to the nearest million]
14) 54,321,782 ≈ ..... [to the nearest ten thousand]
15) 80,000,000 + 124,000 + 650 = ...
16) 5,856,469 ≈ 5,900,000 [Rounded to the nearest .....]
17) The greatest number formed from the digits 2, 0 , 5 , 3 and 7 is .....
18) 11,234 > 1 □ ,785
19) 683,129 > 6 □ 3,129
20) 7,625 = 5 + 7,000 + 20 + ...
21) 700,005,009 = seven hundred ....., five ....., nine.
22) 2 million , 277 thousand ,191 = ... (as standard form)
23) 3,562,504 in word form is .....
24) 34 million ,97 thousand = ... (as standard form).

Q3: Answer the following:

1) Composed: 7,453,361,214

Decomposed: _____

2) List the following in an ascending order. Use standard form:

- 5,000,000,000 + 20,000,000 + 5,000 + 10 + 8
- 525 million, 508
- Five milliard, three million, fifty three
- 5,000,000,000 + 4,000,000 + 6,000 + 9

3) Round 773,329

a. to the nearest hundred: .....

b. to the nearest hundred thousand: .....

4) Solve each problem and name the property used.

a. 17 + 8 + 3

b. 35 + 14 + 15 + 36

5) Create a number that is greater in the Thousands place than six milliard, six million, eight thousand, eight hundred

_____

6) Write a number that is less in the Ten Thousands place than 53,782?

_____

7) Use the digits [7, 4, 2, 0, 3, 5, 6, 8] to make the greatest number you can.Then use the same digits to make the smallest number you can and round each number to the nearest Million.

_____

8) Write the numbers in an ascending order:

8,092,561 , 9,208,111 , 7,534,786 , 8,650,336

_____

Q1: Choose the correct answer:

1) 17 + 0 = 17, is ..... property.
   a. Assocciative
   b. Commutative
   c. Additive identity
   d. otherwise

2) The additive element is .....
   a. 1
   b. 0
   c. 3
   d. 2

3) Murad wrote [7 + 5] + 54 = 7 + [5 + 54] using the ..... property of addition.
   a. Assocciative
   b. Commutative
   c. Additive identity
   d. Otherwise

4) 142 + 328 = 328 + ...
   a. 470
   b. 328
   c. 142
   d. 0

5) 35,216 + 1,999 = ...
   a. 37,215
   b. 45,206
   c. 37,216
   d. 36,216

6) 762 + 3,156 = ... + 762
   a. 762
   b. 3,918
   c. 3,156
   d. 1,524

7) Which has the same sum as 654 + 1,698?
   a. 519 + 1,832
   b. 1,394 + 958
   c. 1,863 + 571
   d. 754+1,898

8) Subtract: 613 - 247 = ...
   a. 567
   b. 434
   c. 366
   d. 807

9) 125,217 + 2,345 ..... 125,217 - 2,345
   a. >
   b. <
   c. =
   d. otherwise

10) If Ahmed had 100 pounds, and the sum of what he and his friend had was 350 pounds, How much money did his friend have ?
   a. 250
   b. 150
   c. 100
   d. 50

11) If 35,741 - y = 7,425, then y = ...
   a. 28,316
   b . 43,166
   c. 40,213
   d. 15,730

12) In the equation: b - 4,358 = 3,422, Then the value of b = ...

a. 7,780 b. 6,653 c. 5,662 d. 5,556

13) In the opposite bar model, The value of m is .....

a. 124 b. 156

c. 76 d. 436

256	
m	180

14) In a primary school, there are 270 boys, and 460 girls, Let x be the number of all the pupils in this school.

a.

x	
270	460

b.

460	
x	270

c.

270	
x	460

d.

x	
190	270

15) If 35,741 - y =7,425 ,then y = ...

a. 28,316 b. 43,166 c. 40,213 d. 15,730

16) 3,508 + 3,692 = ...

a. 61,190 b. 184 c. 7,190 d. 7,200

17) [112 + 38] +77 = 112+ [..... +77]

a. 38 b. 77 c. 115 d. 150

18) If x - 180 = 256, then x = ...

a. 76 b. 436 c. 176 d. 406

19) Which of these statements used only Commutative property of addition to find 17 + 48 +13?

a. [17 + 48]+ 13 b. 17 + 13 + 48 c. 17 + [13 + 48] d. [17+13]+ 48

20) [241 + 1,614]+ 7,426 = ... + 7,426

a. 241 b. 1,855 c. 7,426 d. 1,000

21) In the opposite bar model, the value of the number c = ...

a. 3,000 b. 200

c. 3,310 d. 2,310

7,620	
c	4,310

22) 8,000 - 2,345 = ...

a. 10,345 b. 6,345 c. 5,655 d. 5,565

Q2: Complete the following:

1) The additive identity is .....

2) 0 + 48,512 = ...

3) 512 + 851 = ... + 512

4) [61 + 23] + 24 = ... + [23 + 24]

5) In the equation 125 + A = 300, then A = ...

6) 284,615 - 196,392 = ...

7) In the bar model: The value of Y is .....

Y	
900	100

8) 8000 - 350 = ...

9) Two ants colonies have 33,585 ants. If colony A has 17,990 ants, then the number of ants in colony B = ... ants

10) If 500 + x = 625, then x = ...

11) The value of the variable in the equation : b + 1,000 = 3,000 is .....

12) If H - 1,590 = 3,578, then H = ...

13) In the opposite bar model:
The value of m = ...

m	
208	517

14) 48 + 12 = 12 + ...

15) ..... is an additive element.

16) 824,65 - 396,352 = ...

17) 579 + 0 = ...

18) 587 added to additive identity element = ...

19) 25 + 99 = 24 + ...

20) 13 + 7 = 7 + 13, is the ..... property.

21) 52 + [17 + 83] = 52 + ... = ...

Q3: Answer the following:

1) A bridge of ants consists of 572 ants and another bridgec onsists of 173 ants, howmany ants are there in two bridges ?

2) Ahmed bought a taptop for7,250 L.E. and a mobile for4000 L.E. How much money did he pay ?

3) m - 35,462 = 2,741

4) In the equation 710 + G = 930, find the value of G.

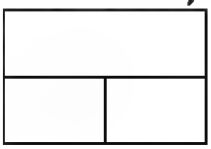
5) A road of 675 km length. If a train travelled 239 km from this road what is the remaining distance of the road ?

6) There are 20,000 ants in the colony. If 1,500 ants went out to find food how many ants did not leave the cotony ?

7) a. 25,865 + 3,459 = ...

b. 8,973 - 3,468 = ...

8) In the following equation A + 125 = 300 , find the value of A



9) Apply properties of addition to solve the problem:

36 + 80 + 64 + 20

Q1: Choose the correct answer:

1) 4 km = ...

a. 40 b. 400 c. 4,000 d. 4

2) 5,000 mm = ... cm

a. 50 b. 500 c. 50,000 d. 5

3) 5 km, 5m = ... m

a. 55 b. 5,050 c. 5,005 d. 5,500

4) The capacity of a juice can is 1 Liter and 500 mL , then its capacity in milliliters = ...

a. 150 b. 1,500 c. 15,000 d. 1,005

5) 8 kilometers ,45 meters = ... meters

a. 845 b. 855 c. 8,000,045 d. 8,045

6) ..... is measuring unit of mass.

a. km b. liter c. hour d. kg

7) 13 L and 30 mL = ... mL

a. 1,330 b. 13,030 c. 43 d. 3,013

8) 423 cm = ...

a. 23 m, 4 cm b. 42 m, 3 cm c. 4 m, 23 cm d. 3 m, 42 cm

9) ..... is a measuring unit of capacity.

a. km b. liter c. hour d. kg

10) 7,482 cm = ... m, ... cm

a. 7 m, 482 cm b. 74 m, 82 cm c. 748 m, 2 cm d. 7 m, 82 cm

11) 7,800 gram ..... 24 kg

a. < b. > c. = d. otherwise

12) ..... m = 9,700 cm

a. 97 b. 970 c. 9,700 d. 97,000

Q2: Complete the following:

1) 3 kg, 3 g = ... g
2) A jug of 10 liters of water. How many milliliters does it have ? .....
3) 8,000 g = ... kg
4) 9,000 mm = ... dm
5) 9,250 mL = ... L + ... mL
6) 32 L + 17 mL = ... mL
7) 7 L, 35 mL + 5 L, 635 mL = ... mL
8) 7 L, 250 mL + 2 L, 750 mL = ... L
9) 8 m, 45 cm = ... cm
10) Solve the opposite bar model

..... km	
17 m	35 dm

11) 9 L - 3,000 = ... L
12) The litre is the basic unit of .....
13) 7,000 kg = ... ton
14) 75 dm = ... m, ... dm

Q3: Answer the following:

1) List the following lengths in an ascending order:

8 m , 8,000 cm , 8 km , 8 mm

The order: ..... , ... , ..., ...

2) A train covers 2 km in one minute , what is the distance the train covers in 10 minutes in kilometers and in meters ?
3) A fish tank with a capacity of 50 liters is filled with 20,000 milliliters of water. How many more liters of water are needed to fill it up comptetely ?

Q1: Choose the correct answer:

1) d
2) c
3) d
4) c
5) b
6) b
7) c
8) c
9) c
10) c
11) a
12) c
13) c
14) c
15) c
16) a
17) a
18) c
19) d
20) a
21) b
22) a
23) a
24) d
25) b

Q2: Complete the following:

1) 0
2) 10,000
3) 1,000,000
4) 1,023,456
5) 9,999,999
6) 9,876,543
7) 1,111,111
8) 28
9) 3, 451, 905, 421
10) 34,905,421
11) 5,300,000
12) 3,000,000
13) 100,000,000
14) 54,320,000
15) 80,124,650
16) hundred thousands
17) 75,320
18) 0
19) 7
20) 600
21) million, thousand
22) 2,277,191
23) three million, five hundred sixty-two thousand, five hundred four
24) 34,097,000

Q1: Choose the correct answer:

1) c
2) b
3) a
4) c
5) a
6) c
7) b
8) c
9) a
10) a
11) a
12) a
13) c
14) a
15) a
16) d
17) a
18) b
19) b
20) b
21) c
22) c

Q2: Complete the following:

1) 0
2) 48,512
3) 851
4) 61
5) 175
6) 88,223
7) 1,000
8) 7,650
9) 15,595
10) 125
11) 2,000
12) 5,168
13) 725
14) 48
15) 0
16) 428,303
17) 579
18) 587
19) 100
20) commutative
21) 100, 152

Q1: Choose the correct answer:

1) c
2) b
3) c
4) b
5) d
6) d
7) b
8) c
9) b
10) b
11) a
12) a

Q2: Complete the following:

1) 3,003
2) 10,000
3) 8
4) 90
5) 9, 250
6) 32,017
7) 12,670
8) 10
9) 845
10) 205
11) 6
12) capacity
13) 7
14) 7, 5

Q1) Choose the correct answer:

1- 5L = ... ml

a) 5 b) 500 c) 5,000 d) 50,000

1- The place value of digit 8 in the number 89,534 is .....

a) 80,000 b) Thousands c) 8,000 d) Ten thousands

2- Which of the following is the word form of this number 68,542,178 :

a) Sixty eight thousand, one hundred seventy eight.

b) Sixty eight millions, five hundred forty two thousand, one hundred seventy eight.

c) Sixty eight millions, five hundred, one hundred seventy eight.

3-7 In the Ten thousands place is .....

a) 7,000 b) 70,000 c) 700,000 d) 7,000,000

4-8 Km = ... m

a) 8 b) 800 c) 8,000 d) 80,000

5-4 l + 54 ml = ... ml

a) 4,054 b) 4,450 c) 4,540 d) 454

6- The length of a ruler is 30 cm. How many millimeters is that?

a) 3 b) 300 c) 3,000 d) 30,000

7- ..... Is 100 greater than twenty five thousand.

a) 25,000 b) 250,000 c) 2,500,000 d) 25

9- 70,000,000 + 5,000 + 700 + 40 + 3 = ...

a) 7,050,743

b) 70,005,743

c) 70,050,743

d) 7,005,743

10- 9 m and 9 cm = ... cm

a) 99 b) 909 c) 9,009 d) 90,009

11- (241 + 1,614) + 7,426 = 241 + (..... + 7,426)

a) 1,614 b) 1,855 c) 241 d) 1,000

12- 4 + 7 = 7 + 4 is ..... property

a) Additive identity

b) Commutative

c) Associative

13- 400 Tens = ……..

a) 400 b) 4,000 c) 40,000 d) 400,000

14- (6 Hundreds, 4 Tens) x 100 = ……

a) 640 b) 6,400 c) 64,000 d) 640,000

15- Round the following number to the nearest tens

65,742.

a) 70,000 b) 66,000 c) 65,700 d) 65,740

16- Which is a compose to : (6 x 10,000) + (8 x 1,000) + (3 x 100) + (5 x 1)

a) 68,035 b) 68,350 c) 68,305 d) 86,305

17- 6471 Thousands = ……

a) 64710 b) 647100 c)6471000 d)6471

18- 965,425 …….. 700,000 + 600 + 50 + 9

a) > b) < c) =

19- 73,248 ≈ 73,000 rounding to the nearest …….

a) Hundreds b) Thousands c) Ten thousands

20- 700,000 …… times 700

a) 10 b) 100 c) 1000 d) 10,000

21-Kg is a measuring unit of ……

a) Length b) Mass c) Capacity d) Time

22- 963 - 624= 624 – 963

a) True b) False

Q2)Complete each of the following:

a) Round 759,329 to the nearest ten thousands ≈……

b) The value of digit 4 in 5,862,431,811 is ……

c) The place value of 2 in 2,569,754 is ……

d) 47,562 – 2,853 = ……

e) Composed: 8,463,219

Decomposed:

……

……

e) If a – 21,798 = 42,578, then a = ……..

f) 21 + 9 + 4 = (21 + 9) + 4 = ……

(…….. property)

g) 78,000 = …… Tens

h) 45,236 + 9,245 = ……

i) …… cm = 97 m

j) 8 ton, 7 kg = …….. kg

k) The smallest 6-digit number formed from 6, 4, 7, 2, 8, 1 is ……

l) 56 cm = …… dm. , ……cm.

m) Litter is a measuring unit of ……..

n) …… ml = 8 L, 14 ml.

o) The width of a table is 200 cm. How many meters is that ? ……

p) 54 + 45 = 45 + 54 , ... property

q) ..... > 978,653,247

r) Round the following number to the nearest Ten thousands 894,125 ≈ ……

s) The additive identity is ……

t) (6 Hundreds, 4 Tens) x 100 = ……

u)68,542,178 in the word form:

.....

Q3) Compare the following:

2,100g ☐ 21 Kg

The value of 8 in 78,165,49 ☐ The value of 8 in 1,823,647

Sixty million, three hundred ☐ 540,697,210

5,413 Thousands ☐ 5,413 hundreds

782,416 ☐ 783,697

3m, 17cm ☐ 371 cm

19 mm ☐ 19m

1 kg 500g ☐ 1500 g

4 In the Ten thousands place ☐ 400,000

6,864,900,303 ☐ 6,864,090,330

7 l, 200 ml ☐ 2l, 700 ml

Q4) Story problems:

In a week 3,573 tourists visited Giza pyramids and in the next week 4,230 tourists visited them.
Find the number of tourist in the two weeks?
Then round the answer to the nearest hundreds.

.....
.....
.....
.....

A supermarket gains 2,147 L.E in the first month, 8,463 L.E in the second month. If the supermarket gains 25,364 L.E in the three months, how much he gains in the third month?

.....
.....
.....
.....

A turtle crawls 567 mm in 20 minutes. How far (measured in cm) can the turtle crawl in 20 minute?

.....

Q5) Arrange in an ascending order, using the forms in which the numbers are written.

- [5 x 1,000,000] + [4 x 100,000] + [3 x 1,000] + [8 x100] + [6 x 10]
- Five million, Four hundred thirty thousand, eight hundred six.
- 5,000,000 + 400,000 + 30,000 + 3,000 + 3
- Five million, fifty thousand, thirty.

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